

Appendix B.

**Supplemental Economic
Data Collection**

TABLE OF CONTENTS

1.0 DESCRIPTION AND OBJECTIVES OF STUDY	4
2.0 GENERAL SURVEY DESIGN	6
2.1 Sampling Strategy	6
2.2 Data Elements	7
3.0 ADD-ON ECONOMIC INTERCEPT SURVEY	8
3.1 General Approach	8
3.1.1 Add-On Intercept Interview	8
3.1.2 Telephone Follow-Up Interview	8
3.2 Sampling Strategy	9
3.2.1 Sampling for Add-On Intercept Interview	9
3.2.2 Sampling for Follow-Up Telephone Interview	9
3.3 Interview Procedures	10
3.3.1 Interview Procedures for Add-On Intercept Interview	10
3.3.2 Interview Procedures for Follow-Up Telephone Interview	11
3.4 Survey Pretest	12
3.5 Data Processing Procedures	12
3.6 Data Reporting Requirements	12
3.6.1 Data Reporting for Add-On Intercept Interview	12
3.6.2 Data Reporting for Follow-Up Telephone Interview	13
3.7 Data Delivery Requirements	13
4.0 ADD-ON ECONOMIC TELEPHONE SURVEY	14
4.1 General Approach	14
4.2 Sampling Strategy	15
4.3 Interviewing Procedures	15
4.4 Survey Pretest	16
4.5 Data Processing Procedures	16
4.6 Data Reporting Requirements	16
4.7 Data Delivery Requirements	17
ATTACHMENT B.A 1994 NORTHEAST SUPPLEMENTAL ECONOMIC SURVEY	19
Attachment B.A.1 1994 Northeast Add-On Economic Intercept Interview	20
Attachment B.A.2 1994 Northeast Add-On Intercept Follow-Up Telephone Interview	22
Attachment B.A.3 1994 Northeast Add-On Economic Telephone Interview	35
ATTACHMENT B.B 1997 SOUTHEAST SUPPLEMENTAL ECONOMIC SURVEY	42
Attachment B.B.1 1997 Southeast Add-On Economic Intercept Interview	43
Attachment B.B.2 1997 Southeast Add-On Intercept Follow-Up Telephone Interview	45
Attachment B.B.3 1997 Southeast Add-On Economic Telephone Interview	68

ATTACHMENT B.C	1998 NORTHEAST SUPPLEMENTAL ECONOMIC SURVEY	78
Attachment B.C.1	1998 Northeast Add-On Economic Intercept Interview	79
Attachment B.C.2	1998 Northeast Add-On Intercept Follow-Up Telephone Interview	82
Attachment B.C.3	1998 Northeast Add-On Economic Telephone Interview	87
ATTACHMENT B.D	1998 PACIFIC SUPPLEMENTAL ECONOMIC SURVEY	91
Attachment B.D.1	1998 Pacific Add-On Economic Intercept Interview	92
Attachment B.D.2	1998 Pacific Add-On Intercept Follow-Up Telephone Interview	93
Attachment B.D.3	1998 Pacific Add-On Economic Telephone Interview	118

1.0 DESCRIPTION AND OBJECTIVES OF STUDY

Fishery managers are required by law to report the economic consequences of their decisions regarding the allocations of limited fish resources between commercial and recreational fishing sectors. High quality economic data are needed to evaluate the economic claims of constituents and to resolve potential political conflicts between the commercial and recreational fishing constituents as they compete for the limited fish resources. However, fishery managers do not currently have access to much economic information about recreational fisheries. This study intends to help fill the data and research gaps in our knowledge of the economics of marine recreational fishing.

Most fishery economics studies are conducted to collect data which is used to estimate either economic impacts or net values. *Economic impact* is the extent to which a business, community, region or other entity is changed economically by some change, whether it be an improvement or degradation, in a fishery. *Net value* is the amount of benefit received by an individual or group from a product, service, or experience over and above the cost of obtaining it. The type of costs to consider for determination of net value may include lost time and inconvenience, as well as lost money. In general, net value studies of fisheries attempt to characterize the value of fishing opportunities in terms of the costs that people are willing to pay above what they are currently paying for those opportunities. Studies aimed at determining net values are often referred to as *economic valuation* studies.

Values that accrue to individual anglers are estimated in a different way from the economic impacts on businesses, workers and communities, hence the types of data required for economic valuation can differ significantly from the types required for economic impact assessments. For example, economic valuation may require information on foregone income and expenditures commonly associated with a given angler's fishing trips, but it may not require information on that angler's annual expenditures for either rental of his marina berth or maintenance of his boat. However, the latter types of expenditures would be relevant to an analysis of the impact of fishing on the local economy. Therefore, clearly defining the value parameters one wishes to estimate is a prerequisite to determining what type of data needs to be collected.

The objectives of the Supplemental MRFSS Economic Surveys, broadly characterized, are as follows:

1. to collect demographic, social and economic data on the people who participate in marine recreational fishing in the various regions of the continental United States
2. to collect data needed for the statistical estimation of models to assess the net values of marine recreational fishing for specific finfish species that are highly sought by marine recreational anglers and are either currently managed by the Fishery Management Councils and/or the Interstate Marine Fisheries Commissions, or are expected to come under management in the near future;
3. to collect data needed for construction of models to assess the economic impacts of management actions on communities and both fishery-dependent and fishery-independent businesses.

The Supplemental MRFSS Economic Surveys conducted in the Northeast Region in 1994, the Southeast Region in 1997, and the Pacific Region in 1998 all focused primarily on the economic valuation of marine recreational fishing. Those studies were not specifically designed to collect all of the data needed for thorough economic impact assessments. The 1994 Northeast Survey asked specifically about how much anglers were willing to pay for the opportunities to continue fishing for bluefish, striped bass, summer flounder, Atlantic cod, black sea bass, tautog, scup (North Atlantic only) and weakfish (Mid-Atlantic only) under alternate management scenarios. The 1997 Southeast Survey asked similar questions about the net values of fishing for red drum, spotted seatrout, king mackerel, Spanish mackerel, gag, greater amberjack, dolphin (South Atlantic only), red snapper (Gulf only) and red grouper (Florida only). The 1998 Pacific Survey is currently asking anglers about the extent to which they value saltwater sportfishing for chinook salmon, coho salmon, lingcod, Pacific halibut, and rockfishes, particularly bocaccio (California only) and black rockfish (Oregon only).

The Supplemental MRFSS Economic Survey being conducted in the Northeast Region in 1998 is focusing more on the estimation of the economic impacts of recreational fishing than on the economic valuation of the sportfishing experience. This Survey was designed to collect the detailed expenditure data needed for proper estimation of appropriate multiplier effects for regional income or employment. Such estimators are needed for appropriate estimates of recreational fishery management impacts on businesses, workers and communities.

Future MRFSS Economic Surveys will most likely be designed to provide data needed for both economic valuation and economic impact assessments. It is likely that the 1999-2001 Surveys will maintain a focus similar to that of the 1998 Northeast Survey. A standard set of questions designed to obtain certain minimum demographic, social, and economic data elements will be asked in all Surveys. The types of expenditure data collected will be standardized across Regions. However, additional questions aimed at determining the effects of specific fishery management practices on angler attitudes or behavior will vary among the Regional Surveys.

Data collected at the individual angler level will be collected specifically for use in economic valuation studies. Species-specific demand models (travel cost models and random utility models) will be specified to begin to answer questions about the economic value or costs of two common forms of regulations imposed on anglers: (1) participation and access and (2) changes in catch (e.g., creel limits, catch and release, minimum size). In keeping with the state of the art in recreational demand modeling, the demand models will be estimated as being contingent on both the choice to go marine recreational fishing and the choice of target species.

Detailed expenditure data will be collected specifically for economic impact assessments. A variety of analytical approaches could be used for regional impact modeling purposes. These approaches range from some quite sophisticated approaches (computable general equilibrium models) to simplistic ones (shift-share analysis, for example). The most common regional modeling approach is the Input/Output (I/O) model. I/O models have considerable appeal due to their extensive use in practical applications and readily available support literature. Further, since the conceptual basis for I/O is quite intuitive the results of an impact assessment can be readily explained to fishery managers and the public. To the extent that fishing communities are defined

as economic or geographic entities, an I/O model provides a convenient bridge between requirements to perform (a) an economic impact assessment under the National Environmental Policy Act (NEPA), (b) a regulatory flexibility analysis under the Regulatory Flexibility Act (RFA), and (c) a National Standard 8 review under the Sustainable Fisheries Act (SFA). Regional I/O models will be constructed to track the economic activity (i.e., sales, income and employment) generated directly and indirectly from recreational anglers' expenditures.

2.0 GENERAL SURVEY DESIGN

2.1 Sampling Strategy

The Supplemental MRFSS Economic Survey will consist of two independent surveys - an *Add-On Economic Intercept Survey* and an *Add-On Economic Telephone Survey*. **The Add-On Intercept Surveys for the Northeast and Southeast Regions will be conducted by the Contractor for the MRFSS Intercept Survey.** The Add-On Intercept Survey for the Pacific Region will be conducted under cooperative agreement between the NMFS, the Pacific States Marine Fisheries Commission and the marine fishery agencies of California, Oregon and Washington. **The Add-On Telephone Surveys for the Northeast, Southeast and Pacific Regions will be conducted by the Contractor for the MRFSS Telephone Survey.**

Supplemental MRFSS Economic Surveys will probably be conducted on a regional rotation schedule such that each region (Northeast Region, Southeast Region or Pacific Region) is surveyed once every three years. It is unlikely given funding constraints that more than one region would be surveyed in any given year. There is a slight possibility that NMFS may be required to conduct the survey along the entire Atlantic Coast (Maine through Florida) in one of the survey years; however, the NMFS prefers the regional rotation approach. The most likely schedule will be as follows:

1999: Southeast Region
2000: Pacific Region
2001: Northeast Region

The sample area for all components of the Supplemental MRFSS Economic Survey will change from year to year according to the regional rotation schedule. For example, in 1999, the Survey would be conducted in the Southeast Region, which includes the South Atlantic Subregion (North Carolina-East Florida) and the Gulf of Mexico Subregion (West Florida-Louisiana). In 2000, the Survey would be conducted in the Pacific Region, which includes the Southern California Subregion, the Northern California Subregion, and the Northwest Region (Oregon-Washington). In 2001, the Survey would be conducted in the Northeast Region, which includes the North Atlantic Subregion (Maine-Connecticut) and the Mid-Atlantic Subregion (New York-Virginia).

Allocation of sampling effort corresponds to usual sampling procedures for the MRFSS. Sampling for the Intercept Survey will be stratified by subregion, state, wave, and fishing mode, and sampling for the Telephone Survey will be stratified by subregion, state and county.

Maximum sample sizes will be determined by the base interview allocations for the MRFSS Intercept and Telephone Surveys.

2.2 Data Elements

The Surveys will be designed to collect data needed for both net value and economic impact studies. Minimum data elements to be collected include the following:

- Trip-related expenditures - expenses for lodging, food, and transportation; fees; equipment rental fees; private/rental boat operating expenses; bait expenses
- Other expenditures - expenses for fishing tackle, boats, and other fishing related equipment
- Origin of purchases - location where purchases were made for each expenditure category
- Hourly wage
- Annual income - range of annual household income and number of household residents
- Employment status - current employment status (full-time, part-time, unemployed, retired, etc.)
- Age - year of birth
- Boat ownership - number of boats owned and their primary use (recreational fishing, commercial fishing, non-fishing recreation, etc.)
- Primary purpose - primary purpose of trip away from home (fishing, vacation, business, etc.)
- Length of stay - Number of nights spent away from home
- Days fished - Number of days spent fishing during stay away from home
- Fishing site - location of fishing access point

Additional data elements that may also be collected include the following:

- Education - highest level of formal education completed (high school, college, graduate, etc.)
- Ethnic background - race and/or ethnic group of respondent
- Gender - gender of respondent
- Occupation - job description
- Household composition - number and relationship of individuals in household
- Motivations for fishing - reasons for saltwater sportfishing
- Substitute activities - alternative activities engaged in that may be substituted for fishing
- Attitudes about management - attitudes about specific fishery management regulations
- Attitudes about marine contamination - attitudes and knowledge about contaminated fishing areas
- Fishing purpose - angler's definition of primary purpose as recreational or subsistence
- Involvement in commercial fishing - extent of household involvement in commercial fishing
- Other recreational/subsistence activities - extent of household involvement in activities associated with harvest and use of marine invertebrates (shellfishes) and plants

Catch distribution networks - categories of people with whom harvested marine resources are shared (household, other family, neighbors, local charities, etc.)
Satisfaction level - overall satisfaction with particular fishing trip

Other data elements may be added to allow for specific economic impact or evaluation studies related to particular selected target species. NMFS will ensure that the number of data elements and phrasing of questionnaires are constructed to maintain good response rates and practical field administration.

3.0 ADD-ON ECONOMIC INTERCEPT SURVEY

3.1 General Approach

The Add-On Economic Intercept Survey will be designed to be conducted as a supplement to the MRFSS Intercept Survey. The supplemental economic intercept interview will consist of a short, face-to-face *Add-On Intercept Interview* and a longer, *Follow-Up Telephone Interview*. The Add-On Intercept Interview will be administered to each intercepted angler over 16 years of age who completes a MRFSS Intercept Survey interview. This interview will close with a question asking the intercepted angler if he/she would be willing to cooperate with a subsequent telephone interview. The Follow-Up Telephone Interview will be administered to each intercepted angler who completes the add-on intercept interview and volunteers to be further interviewed by telephone. The telephone interview will be attempted within 4 weeks of the date on which the angler completed the intercept interview.

3.1.1 Add-On Intercept Interview

The Add-On Intercept Interview administered as part of the face-to-face MRFSS Intercept Survey interview will ask 8-12 questions to obtain data on trip duration, opportunity cost of time, distance traveled, travel costs and/or on-site expenditures associated with each intercepted angler's fishing day. These data may be used in the development of angler or trip profiles and/or in the development of statistical behavioral models to estimate values associated with recreational saltwater fishing for particular finfish species.

3.1.2 Telephone Follow-Up Interview

The Follow-Up Telephone Interview administered to volunteers who completed the Add-On Intercept Interview will ask 30-40 questions to obtain additional demographic, social and/or economic information from cooperating intercepted anglers. These data may be used to track trends in angler profiles and/or to provide baseline expenditure information needed for regional I/O models.

The Follow-Up questionnaires used in the 1994 Northeast, 1997 Southeast and 1998 Pacific Surveys were designed to collect data needed for the development of angler profiles and in the estimation of statistical models of the decisions to target selected species. Those surveys targeted two distinct groups of anglers: (1) those who targeted the selected species of interest,

and (2) those who targeted other species but happened to catch one or more fish of the designated species. The questionnaires asked for social and economic data, as well as information about recreational fishing avidity, attitudes, and experience.

Although the 1998 Follow-Up Economic Survey is collecting some data needed for tracking trends in angler profiles, it is more focused on the collection of baseline expenditure information needed for development of I/O models.

3.2 Sampling Strategy

3.2.1 Sampling for Add-On Intercept Interview

The Contractor shall administer the on-site add-on questionnaire to all anglers at least 16 years of age who have responded to the MRFSS Intercept Survey. The Supplemental Economic Survey conducted as an add-on to the MRFSS in the Northeast Region in 1994 yielded results that provide some indication of what the response rates will be for future surveys. The age-distribution of MRFSS-intercepted anglers in 1994 indicated approximately 93.5 percent were 16 years of age or older. Of the eligible anglers who responded to the intercept survey, 96% responded to the add-on economic questionnaire. Only 24% of those who responded refused to answer certain questions, while the remaining 76% responded to all of the add-on economic intercept questions and indicated they would cooperate with the follow-up telephone survey.

The contractor shall ask the economic add-on questions at the end of the routine MRFSS verbal questions and before examining the catch. This should not be done if it would decrease the interviews where the catch is examined. If it does not affect the examination of the catch, this ordering could improve the flow of the interview and the response rates. Anglers would not be told these are additional questions; rather the add-on would appear to be a normal part of the MRFSS survey.

The NMFS shall supply the Contractor's interviewers with copies of a brochure which explains the purpose for the economic data collection. The Contractor shall be responsible for distributing a copy of this brochure to each intercepted angler who requests information on the MRFSS Supplemental Economic Survey's purpose.

3.2.2 Sampling for Follow-Up Telephone Interview

All anglers who are administered the Add-On Intercept questionnaire and volunteer their name and phone number are eligible to be contacted for the Follow-Up Economic Telephone Interview. In the Northeast MRFSS Supplemental Economic Survey conducted in 1994, only 55 percent of the eligible individuals that completed an Add-On Economic Intercept Interview and volunteered for the Follow-Up actually completed the telephone interview. About 58% of the supplied telephone numbers were successfully contacted and only 3% of the successful contacts resulted in immediate or mid-interview refusals.

Since the sampling unit for the MRFSS Intercept Survey and the Add-On Economic Intercept Survey is an individual angler fishing day, rather than an individual angler, anglers are eligible to be intercepted on more than one day during any given two-month wave of the Survey. Hence, every time that a given angler is intercepted and volunteers he/she should be contacted for the Follow-Up Telephone Interview. Anglers who are contacted more than once should be appropriately identified and administered an abbreviated follow-up questionnaire for all interviews subsequent to their first interview.

In addition, since most of the intercepted anglers will be subsequently contacted for the telephone follow-up portion of the survey, additional calls for validation of MRFSS Intercept Survey interviews are not necessary. Therefore, MRFSS Intercept Survey validation interviews to be conducted with economic follow-up volunteers should be administered during the telephone follow-up contact such that the validation interview precedes the follow-up interview.

3.3 Interview Procedures

3.3.1 Interview Procedures for Add-On Intercept Interview

The Add-On Economic Intercept Interview is designed as a supplement to the usual MRFSS Intercept Survey interview. Data from the Add-On Interview will be coded and keyed to match exactly the identification code (ID_CODE) from the MRFSS Intercept Survey. Thus, it will be necessary to administer these surveys congruently. Questionnaires will be administered to anglers who are at least 16 years of age (regardless of target species), and who complete all MRFSS **key** data items preceding the catch inspection questions. The intercept survey requires that all interviews, except for a limited number of beach/bank shore mode interviews, be conducted with anglers who have completed their fishing trips (see MRFSS for definition of completed trip).

Each item in the Add-On Economic Intercept Interview will be used for at least one of two purposes. Every item can be used to develop a descriptive understanding of anglers and fishing trips. A subset of these items will also be used in the development of economic models to estimate the value of saltwater recreational fishing for several selected species. Information from individuals not targeting the selected species can be used to develop separate angler and trip profiles and as a potential way in which angler participation rates may be incorporated into the economic valuation model. In addition, by collecting information on individuals not targeting these species, sample statistics can be used to test for any sample selection biases that may be created by focusing only on a subset of species targeted by anglers. Lastly, information collected from anglers not willing to release their name and phone number will be used to test for statistical differences between them and anglers willing to release this information.

The Contractor for the MRFSS Intercept Survey shall work together with the NMFS to develop the questionnaire to be used for the Add-On Economic Intercept Interview in each given year for a given Region. The questionnaire shall consist of 8-12 questions. Examples of questionnaires used or proposed for prior years in the Northeast and Southeast Regions are provided in Attachments B.A (1994 Northeast Survey), B.B (1997 Southeast Survey) and B.C (1998 Northeast Survey).

Items on the questionnaire for which the angler does not know the answer should be coded with "8"'s. Items that are refused should be coded with "9"'s. If an Intercept Survey interviewer is not certain whether a given respondent is more than 16 years of age, he/she should simply ask the respondent. If the respondent is less than 16 years of age, then the interviewer should thank the respondent and terminate.

3.3.2 Interview Procedures for Follow-Up Telephone Interview

Information obtained in the Follow-Up Telephone Interview will provide further insights into fishing expenditures, angler attitudes, experiences, and/or travel behavior necessary for modeling of either economic impacts or net value.

The Follow-Up Telephone Interview is designed to collect data which is not trip-specific and does not require immediate questioning of the respondent for accurate recall. These data shall be coded to match the identification code (state, site, date, and ID_CODE) of the corresponding MRFSS Intercept Survey interview. Contingent upon the release of name and phone number, the Contractor shall attempt to contact all individuals who indicate they would be willing to participate in the Follow-Up Telephone Interview (including more than one member of the same household). Only anglers who were intercepted in the MRFSS should be interviewed; interviewing of another, so called "proxy", respondent who may feel qualified to supply information for the missing angler is not permitted. If after reading the introductory paragraph to the follow-up, it becomes obvious that the respondent has been previously interviewed about another trip (in a different wave or even within the same wave), an abbreviated version of the questionnaire should be used. Appropriate coding must be incorporated to allow the linkage of the records of these multiple interviews of the same angler.

The Contractor for the MRFSS Intercept Survey shall work together with the NMFS to develop the questionnaire to be used for the Follow-Up Economic Telephone Interview in each given year for a given Region. NMFS will supply draft questionnaires at least two months prior to the start of data collection. The Contractor shall provide advice on wording and structure of questions. The final questionnaires shall be developed by at least one month prior to the start of data collection. The questionnaire shall consist of 30-40 questions. "Key" questions shall be identified in the questionnaire by an asterisk (*). Responses to key questions will be considered more important for proper analysis of the data than responses to non-key questions. The Contractor shall be expected to specifically monitor refusal rates for key questions and to make suggestions for changes to reduce key item refusals.

Examples of questionnaires used or proposed in prior years for the Northeast and Southeast Regions are provided in Attachments B.A (1994 Northeast Survey), B.B (1997 Southeast Survey) and B.C (1998 Northeast Survey).

Different versions of the Follow-Up Telephone Interview questions may be used depending on the target behavior, sub-region, state and/or random selection of specific question parameters.

3.4 Survey Pretest

A pretest shall be conducted for the Add-On Economic Intercept Survey, including the Add-On Intercept Interview and the Follow-Up Telephone Interview components. A minimum of 15 pretests shall be conducted for the combination of interviews at least one month prior to the start of data collection. The contractor shall submit a brief report entailing recommendations and proposals for procedural changes based on pretest results. The expertise of the Contractor will be relied upon to make inferences as to the pretesting location, strategy, and design.

3.5 Data Processing Procedures

Data editing requirements are identical to the basic types and methods of editing described in the Statement of Work for the MRFSS Intercept Survey. As specified, every data element must be checked for data entry errors, reasonableness in falling within an acceptable range, and logic in relation to other data elements.

3.6 Data Reporting Requirements

The Contractor shall submit brief bi-monthly reports that describe specific survey results and provide recommendations and proposals for procedural changes based on Add-On Economic Intercept Survey results. Bi-monthly reports shall include plans to increase sampling efficiency, minimize variance, and enhance participation and cooperation of respondents; these reports shall be sent at the same time that the intercept and telephone survey data are to be delivered.

3.6.1 Data Reporting for Add-On Intercept Interview

The bi-monthly evaluation reports for the Add-On Intercept Interviews should provide tables reporting the following survey results by subregion, state and wave:

- Attempted number of interviews
- Numbers of initial and mid-interview refusals
- Number of interviews terminated due to angler < 16
- Percent of don't know responses for each key question
- Percent of refused responses for each key question
- Number of completed interviews (with responses to all questions)
- Number of acceptable incomplete interviews (but with all key questions answered)
- Number of unacceptable incomplete interviews (with one or more key questions unanswered)

3.6.2 Data Reporting for Follow-Up Telephone Interview

The bi-monthly evaluation reports for the Follow-Up Telephone Interviews should provide tables reporting the following survey results by subregion, state and wave:

- Attempted number of interviews

Number of contacts made
Numbers of unsuccessful contact attempts by reason for non-contact
Numbers of initial and mid-interview refusals
Percent of don't know responses to key questions
Percent of refused responses to key questions
Number of completed interviews (with responses to all questions)
Number of acceptable incomplete interviews (but with all key questions answered)
Number of unacceptable incomplete interviews (with one or more key questions unanswered)

3.7 Data Delivery Requirements

The Contractor shall send all data collected and edited for each bi-monthly period either on diskettes or via FTP (File Transfer Protocol) to the MRFSS Staff at NMFS Headquarters on the dates specified in the MRFSS Statement of Work for the Intercept Survey. An account for FTP transfers will be set up on the MRFSS network, with "write only" access for file transfer. By default, files must be FTP'd in SAS format.

Current data formats for the MRFSS intercept survey will be used; specific formats for data collected from the economic add-on instruments will be provided by the NMFS MRFSS Staff to the Contractor. Add-On Intercept Interview data shall be included with the routine MRFSS SAS datasets as "Type 5 Records." Follow-Up Telephone Interview Data shall be developed as "Type 7 Records."

Edited Type 5 Records (Add-On Intercept Interview data) for each wave must be delivered by the 21st day of the first month following the wave in which the data was collected. Edited Type 7 Records (Follow-Up Telephone Interview data) for each wave must be delivered by the 21st day of the second month following the wave in which the corresponding intercept interviews were conducted.

Documentation of transferred files shall include, but not necessarily be limited to, the following:

- variable name
- position
- description
- length
- alpha-numeric designation
- number of records in each file
- description of file content including project name, year and wave of data, date generated, person to be contacted, and other pertinent descriptive information

4.0 ADD-ON ECONOMIC TELEPHONE SURVEY

4.1 General Approach

The Add-On Economic Telephone Survey is designed to be conducted as a supplement to the MRFSS telephone survey. The Add-On Telephone Interview will ask 12-16 questions of respondents who indicate that they have previously gone saltwater sportfishing to obtain data needed for economic impact and/or evaluation studies. The interview will be administered to such respondents upon completion of the MRFSS Telephone Survey interview.

The Add-On Economic Telephone Survey shall be administered to all households contacted by the MRFSS Telephone Survey which contain one or more residents with prior saltwater sportfishing experience. Those eligible households shall be categorized according to how recently residents of that household fished in salt water. Categories are defined as follows:

- Category 1: one or more household residents have previously gone saltwater sportfishing, but none have done so in the last 12 months;
- Category 2: one or more household residents have gone saltwater sportfishing in the last 12 months but none of them have fished within the last 2 months;
- Category 3: one or more household residents have gone saltwater sportfishing in the last two months.

The 1994 Northeast Add-On Economic Telephone Survey interviewed both experienced and inexperienced respondents. It collected data needed to model relationships between fishing demand and factors influencing the decision to participate. The 1997 Southeast Survey and the 1998 Pacific Survey only asked respondents with prior saltwater sport fishing experience about their fishing preferences and perceived constraints on their ability to fish.

The 1998 Northeast Add-On Telephone Survey is only interviewing respondents who reported that they had gone saltwater sportfishing within the last two months. That Survey asks for expenditure information which will be used to test for differences in expenditures between the populations of anglers sampled by the intercept and telephone surveys. This is necessary because the anglers intercepted by the MRFSS Intercept Survey are generally more avid on the average than the anglers contacted by the MRFSS Telephone Survey; hence, they are likely to have purchased more fishing gear and equipment. Expenditure questions were designed to match questions used on the Add-On Economic Intercept and Follow-Up Surveys so that statistical tests could be performed on the resulting data to determine whether sample means from the intercept and telephone add-on surveys differ significantly. If significant differences are detected then the economic impact estimates derived from the add-on intercept survey will be adjusted to correct for the measured avidity bias.

4.2 Sampling Strategy

Individuals at least 16 years of age are eligible to respond to the Add-On Telephone Interview. We believe responses from individuals less than 16 years old will not be valid and reliable within

the objectives of the study. In addition, because of the personalized nature of some of the questions, proxy respondent-based reporting will not be allowed. It is understood that proxy respondents generally range from 15 to 20 percent of the total sample of 2-month fishing households. Further sampling controls based on gender will not be needed.

MRFSS Telephone Survey data collected in recent years indicates that about 8-10% of the households contacted have been in Categories 1 and 2 while about 13-15% have been in Category 3. Taking into account the higher prevalence of saltwater fishing in Southeast households, we estimate that about 5-6% of the households contacted in the Southeast fall into Category 1. The Add-On Economic Telephone Interview shall be administered to all respondent households in Categories 1, 2 and 3. Once the category of the household has been properly identified, the interviewer should ask to interview one of the residents whose most recent fishing qualified the household for that category. For example, in a Category 1 household, the interviewer should attempt to interview a resident with prior saltwater sportfishing experience who did not fish within the last twelve months. In a Category 2 household, the interviewer should seek to talk to a resident who went saltwater sportfishing within the last twelve months. In a Category 3 household, the interviewer should simply seek to extend one MRFSS Telephone Survey interview with a resident who went saltwater sportfishing within the last two months. For categories 1, 2 and 3, the Contractor shall interview no more than one eligible respondent per household. That individual should always be the first eligible resident who is contacted and willing to cooperate. If no eligible respondent for a given is immediately available, no one should be administered the economic questionnaire, the interview should be terminated, and no call back should be made.

4.3 Interviewing Procedures

At the present time, no information on inactive anglers i.e., those who did not fish during the two-month period prior to the interview, is collected by the base survey instruments. This telephone survey is designed to develop an understanding about the social and demographic characteristics of recently active, as well as recently inactive, fishing households and to determine some of the reasons individuals do or don't fish. This information also allows us to determine the extent to which samples drawn from the two Add-On Economic Surveys (MRFSS Intercept Survey sample and MRFSS Telephone Survey sample) may differ. In general, anglers intercepted by the MRFSS Intercept Survey tend to fish more avidly than those contacted by the MRFSS Telephone Survey.

The Contractor for the MRFSS Telephone Survey shall work together with the NMFS to develop the questionnaire to be used for the Add-On Economic Telephone Interview in each given year for a given Region. NMFS will supply a draft questionnaire at least two months prior to the start of data collection. The Contractor shall provide advice on wording and structure of questions. The final questionnaire shall be developed by at least one month prior to the start of data collection. The questionnaire shall consist of 12-16 questions. "Key" questions shall be identified in the questionnaire by an asterisk (*). Responses to key questions will be considered more important for proper analysis of the data than responses to non-key questions. The Contractor shall be expected to specifically monitor refusal rates for key questions and to make suggestions for changes to reduce key item refusals.

Examples of questionnaires used or proposed in prior years for the Northeast, Southeast and Pacific Regions are provided in Attachments B.A (1994 Northeast Survey), B.B (1997 Southeast Survey), B.C (1998 Northeast Survey) and B.D (1998 Pacific Survey).

Different versions of the questionnaire may be developed for the three categories of household respondents. In the 1994 Northeast Survey and the 1997 Southeast Survey, one version (Version A) of the questionnaire was used for respondents in Categories 1 and 2, and another version (Version B) was used for respondents in Category 3. In the 1998 Pacific Survey, one version of the questionnaire was used for all three categories of respondents, but different versions of specific questions were administered to each respondent category. In the 1998 Northeast Survey, the Add-On Telephone Survey questionnaire is only being administered to Category 3 respondents.

4.4 Survey Pretest

A pretest shall be conducted for the Add-On Economic Telephone Survey at least one month prior to the start of dialing for the first wave of data collection. A minimum of 15 pretests shall be conducted for each type of survey. The contractor shall submit a brief report entailing recommendations and proposals for procedural changes based on pretest results. The expertise of the Contractor will be relied upon to make inferences as to the pretesting strategy and design.

4.5 Data Processing Procedures

Data editing requirements are identical to the basic types and methods of editing described in the MRFSS Statement of Work. As specified in the MRFSS Statement of Work, every data element must be checked for data entry errors, reasonableness in falling within an acceptable range, and logic in relation to other data elements.

4.6 Data Reporting Requirements

The Contractor shall submit brief bi-monthly reports that describe Add-On Economic Telephone Interview results and provide recommendations and proposals for procedural changes based on those results. Bi-monthly reports shall include plans to increase sampling efficiency, minimize variance, and enhance participation and cooperation of respondents; these reports shall be sent at the same time that the MRFSS Telephone Survey data are to be delivered.

The bimonthly reports should include tables showing summaries of the following kinds of survey results by subregion, state and wave:

- Attempted number of interviews
- Numbers of initial and mid-interview refusals
- Number of interviews terminated due to angler < 16
- Number of interviews terminated due to unavailability of desired angler (Since the MRFSS screening questionnaire is a household questionnaire, the initial respondent may not be an appropriate respondent for the particular type of interview desired. The number of

interviews terminated due to the unavailability of an eligible angler should be tallied and reported.)

Percent of don't know responses to key questions

Percent of refused responses to key questions

Number of completed interviews (with responses to all questions)

Number of acceptable incomplete interviews (but with all key questions answered)

Number of unacceptable incomplete interviews (with one or more key questions unanswered)

4.7 Data Delivery Requirements

The Contractor shall send all data collected and edited for each bi-monthly period either on diskettes or via FTP (File Transfer Protocol) to the MRFSS Staff at NMFS Headquarters on the dates specified in the MRFSS Statement of Work for the Intercept Survey. An account for FTP transfers will be set up on the MRFSS network, with "write only" access for file transfer. By default, files must be FTP'd in SAS format.

Current data formats for the MRFSS Telephone Survey will be used; specific formats for data collected from the economic add-on instrument will be provided by the NMFS MRFSS Staff to the Contractor. Add-On Telephone Interview data shall be included with the routine MRFSS Telephone Survey SAS datasets as "Type 4 Records."

Edited Type 4 Records (Add-On Telephone Interview data) for each wave must be delivered on the same date that edited MRFSS Telephone Survey is delivered.

Documentation of transferred files shall include, but not necessarily be limited to, the following:

- variable name

- position

- description

- length

- alpha-numeric designation

- number of records in each file

- description of file content including project name, year and wave of data, date generated, person to be contacted, and other pertinent descriptive information

ATTACHMENT B.A

1994 NORTHEAST SUPPLEMENTAL ECONOMIC SURVEY

Attachment B.A.1
1994 Northeast Add-On Economic Intercept Interview

*** = Key Question**

(If interviewer is not certain respondent is at least 16 yrs of age, simply ask respondent if he/she is at least 16 yrs of age. If < 16 yrs of age, then terminate and thank respondent.)

*

1 . Are you on a one-day fishing trip or was this day of fishing part of a longer trip in which you spent/plan to spend at least one night away from your residence?

One day	1	Go to Q.7.
Longer	2	
Don't Know	8	
Refused	9	

2. How many days will you be away from your residence on this trip?

ENTER NUMBER	
Don't Know	88
Refused	99

3. How many days of this trip will be spent fishing?

ENTER NUMBER	
Don't Know	888
Refused	999

*

4 . How much did you, personally, pay for lodging on this trip?

ENTER NUMBER	
Don't Know	888
Refused	999

5. How long did it take you to travel one-way from your residence to those lodgings?

ENTER NUMBER	
Don't Know	888
Refused	999

6. Would you have made this trip if you did not go fishing?

Yes	1
No	2
Don't Know	8
Refused	9

*

7 . How long did it take you to travel from where you stayed last night to the fishing or boat launch site?

ENTER NUMBER	
Don't Know	888
Refused	999

8. (If fished by boat, PC or PR--Q.11. MRFSS) How long did it take you to travel from the boat launch site to the first fishing site?

ENTER NUMBER	
Don't Know	888
Refused	999

*

9 . How much did you, personally, spend to travel from your residence to the fishing or boat launch site (one-way costs)? Please consider expenditures on travel fares, gas, tolls, ferry and parking fees.

ENTER NUMBER

Don't Know 8

Refused 9

*

10 . I appreciate your time for this interview. There is another part to this survey that involves a short follow-up interview by telephone. Would you be willing to participate in this follow-up survey?

Yes 1

Don't Know 8

Refused 9

IF ANGLER DID NOT RELEASE NAME/AND OR PHONE NUMBER DURING MRFSS PORTION OF THE SURVEY (Q.24. MRFSS), STATE: TO PARTICIPATE, MAY I HAVE YOUR NAME AND A PHONE NUMBER?

Thank you for your time !

Attachment B.A.2
1994 Northeast Add-On Intercept Follow-Up Telephone Interview

*** = Key Question**

Hello, may I speak with _____ (IF RESPONDENT IS NOT AVAILABLE, ASK FOR BEST TIME TO CALL BACK)

Hello, I'm _____ calling long distance from KCA Research Division in Alexandria, VA. I'm calling about your fishing trip on _____ (ENTER DAY/DATE). As you recall, after that trip you participated in a survey conducted for the National Marine Fisheries Service. Your participation in this follow-up survey is very important since only a limited number of households have been selected to participate. The information you give will be coded with the answers of others to ensure your confidentiality. (IF IT IS OBVIOUS THAT THE RESPONDENT HAS BEEN CONTACTED BY TELEPHONE BEFORE TO DISCUSS ANOTHER TRIP, PROCEED WITH INTERVIEW BUT TERMINATE AFTER Q.9.)

IF INTERCEPTED TRIP WAS THE ONLY TRIP TAKEN WITHIN THE PAST 2 MONTHS (Q.19. MRFSS), SKIP TO 4**.

1. Counting the day you were interviewed you stated that you had fished _____ days within the past 2 months (Q.19. MRFSS). On how many of those days did you target either bluefish, striped bass, black sea bass, summer flounder, Atlantic cod, tautog or scup (substitute weakfish for scup in the Mid-Atlantic). (IF RESPONDENT HESITATES, STATE: WE ONLY HAVE A FEW QUESTIONS ABOUT THOSE TRIPS; WE'RE NOT GOING TO ASK DETAILED QUESTIONS ABOUT EACH INDIVIDUAL TRIP.)

ENTER NUMBER
Don't Know888
Refused999

Go to 4**.

*

2 .On the day that you were interviewed you stated that you targeted _____ on that trip (Q.14. MRFSS). On how many days within the past 2 months did you target _____ (insert target species).

ENTER NUMBER
Don't Know888
Refused999

*

3 .On how many days within past 2 months did you fish at the site where the interview took place?

ENTER NUMBER
Don't Know88
Refused99

4.On how many of those days (fished at site where interview took place) did you target _____ (Q.2., target species).

ENTER NUMBER
Don't Know88
Refused99

4**. (IF TRIP WAS ONE-DAY TRIP--Q.1. ADD-ON INTERCEPT SURVEY = 1 SKIP TO Q.6.
IF TRIP WAS MULTIPLE DAY TRIP--Q.1. ADD-ON INTERCEPT SURVEY = 2 GO TO Q.5.

IF DIDN'T KNOW OR REFUSED Q.1. = 8 OR 9 SKIP TO Q.6.)

5.How many overnight trips did you take during the past 2 months?

ENTER NUMBER
Don't Know88
Refused99

6. What would you say is the main reason why you chose to fish at that site where you were interviewed?

I always go there	1
Better catch rates (access to species)	2
Convenient	3
Less Congestion	4
Weather or Water Conditions	5
Scenic Beauty at the Site	6
Access to pier, jetty, bridge, beach/bank	7
Boat Ramp (Quality of or existence of)	10
Pre-paid Access Fee	11
Combination of (up to 3)	? ? ?
Other (Specify)	12
Don't Know	8
Refused	9

*

7 . (If fished from party/charter or rental boat) How much did you, personally, spend on boat fees for that trip?

ENTER NUMBER	
Don't Know	888
Refused	999

8. How many years have you been saltwater recreational fishing?

ENTER NUMBER	
Don't Know	88
Refused	99

9. Compared to your other outdoor recreation activities during the last two months (such as swimming, tennis, golf, etc.), would you rate fishing as:

Your Most Important Outdoor Activity	1
Your Second Most Important Outdoor Activity	2
Only One Of Many Outdoor Activities	3
Don't Know	8
Refused	9

10. People list many different reasons why they like to go saltwater fishing. Please rate each, of the following items I state as Not Important, Somewhat Important, or Very Important.

Not Important	1	Somewhat Important	2	Very Important	3
		Don't know	8	Refused	9

- A. To spend quality time with friends and family
- B. To enjoy nature and the outdoors
- C. To catch fish to eat
- D. To experience the excitement or challenge of sport fishing
- E. To be alone
- F. To relax and escape from my daily routine
- G. To fish in a tournament or when citations are available
- H. Other (specify)

11. Considering the species you typically fish for, indicate whether you support or oppose the following conservation measures used to restrict total catch.

Support	1	Oppose	2
Don't Know	8	Refused	9

- A. Limits on the minimum size of fish you can keep
- B. Limits on the number of fish you can keep
- C. Limits on the times of the year when you can keep the fish you catch
- D. Limits on the areas you can fish

VERSION 1

*

12 . The current daily bag limit for striped bass in (ENTER STATE) ____ is (ENTER STATE BAG LIMIT) ____ fish. Suppose you could choose to buy a special license that would increase your daily bag limit from (ENTER STATE BAG LIMIT) ____ to (ENTER STATE BAG LIMIT + 1) ____ fish. If you chose not to buy the license, your daily bag would still be (ENTER STATE BAG LIMIT) ____ fish. What would be the maximum amount of money you would be willing to pay for this special license?

ENTER NUMBER		IF \$0 Go to Q.12A.	
Don't Know 888			
Refused 999		IF > \$0 Go to Q.13.	
<u>STRIPED BASS BAG LIMIT BY STATE</u>			
ME	1	RI	1
CT	1	NH	1
MA	1	DE	1
MD	1(Rec) 2(Charter)	NY	1
NJ	1	VA	2

*

12a . (IF RESPONDENT ANSWERS \$0 TO Q.12.) Which of the following statements best describes why you feel the way you do?

You don't fish for striped bass	1
You already keep all the fish you care to	2
You don't want to pay any more to fish than you do now	3
You don't know how much a one fish change is worth to you	4
Other (describe)	5
Don't Know	8
Refused	9

*

13 . The current daily bag limit for bluefish in (ENTER STATE) ____ is 10 fish. In the future it may be necessary to decrease the bag from 10 fish to 8 fish. Suppose you could choose to buy a special license that would allow you to maintain the current bag of 10 fish. If you chose not to buy the license, your daily bag would be 8 fish. What would be the maximum amount of money you would be willing to pay for this special license?

ENTER NUMBER		IF \$0 Go to Q.13A.	
Don't Know 888			
Refused 999		IF > \$0 Go to Q.14. <u>BLUEFISH BAG</u>	
<u>LIMIT BY STATE</u>			
ME	10	RI	10
CT	10	NH	10
MA	10	DE	10
MD	10	NY	10
NJ	0	VA	10

*

13a . (IF RESPONDENT ANSWERS \$0 TO Q.13.) Which of the following statements best describes why you feel the way you do?

You don't fish for bluefish	1
You already keep all the fish you care to	2
You don't want to pay any more to fish than you do now	3
You don't know how much a 2 fish change in bag limit is worth to you	4
Other (describe)	5
Don't Know	8
Refused	9

VERSION 2

*
12 . The current daily bag limit for striped bass in (ENTER STATE) ____ is (ENTER STATE BAG LIMIT) ____ fish. Suppose you could choose to buy a special license that would increase your daily bag limit from (ENTER STATE BAG LIMIT) ____ to (ENTER STATE BAG LIMIT + 1) ____ fish. If you chose not to buy the license, your daily bag would still be (ENTER STATE BAG LIMIT) ____ fish. What would be the maximum amount of money you would be willing to pay for this special license?

	ENTER NUMBER		If \$0 Go to Q.12A.
	Don't Know	888	
	Refused	999	If > \$0 Go to Q.13.
<u>STRIPED BASS BAG LIMIT BY STATE</u>			
ME	1	RI	1
CT	1	NH	1
MA	1	DE	1
MD	1(Rec) 2(Charter)	NY	1
NJ	1	VA	2

*
12a . (If respondent answers \$0 to Q.12.) Which of the following statements best describes why you feel the way you do?

You don't fish for striped bass	1
You already keep all the fish you care to	2
You don't want to pay any more to fish than you do now	3
You don't know how much a one fish change is worth to you	4
Other (describe)	5
Don't Know	8
Refused	9

*
13 . The current daily bag limit for bluefish in (ENTER STATE) ____ is 10 fish. In the future it may be necessary to decrease the bag from 10 fish to 6 fish. Suppose you could choose to buy a special license that would allow you to maintain the current bag of 10 fish. If you chose not to buy the license, your daily bag would be 6 fish. What would be the maximum amount of money you would be willing to pay for this special license? ENTER NUMBER

If \$0 Go to Q.13A.

	Don't Know	888	
	Refused	999	If > \$0 Go to Q.14.
<u>BLUEFISH BAG LIMIT BY STATE</u>			
ME	10	RI	10
CT	10	NH	10
MA	10	DE	10
MD	10	NY	10
NJ	0	VA	10

*
13a . (If respondent answers \$0 to Q.13.) Which of the following statements best describes why you feel the way you do?

You don't fish for bluefish	1
You already keep all the fish you care to	2
You don't want to pay any more to fish than you do now	3
You don't know how much a 4 fish change in the bag limit is worth to you	4
Other (describe)	5
Don't Know	8

Refused

9VERSION 3

*

12 . The current daily bag limit for striped bass in (ENTER STATE) ____ is (ENTER STATE BAG LIMIT) ____ fish. Suppose you could choose to buy a special license that would increase your daily bag limit from (ENTER STATE BAG LIMIT) ____ to (ENTER STATE BAG LIMIT + 1) ____ fish. If you chose not to buy the license, your daily bag would still be (ENTER STATE BAG LIMIT) ____ fish. What would be the maximum amount of money you would be willing to pay for this special license?

ENTER NUMBER

IF \$0 Go to Q.12A.

Don't Know 888

Refused 999

IF > \$0 Go to Q.13.

STRIPED BASS BAG LIMIT BY STATE

ME	1	RI	1
CT	1	NH	1
MA	1	DE	1
MD	1(Rec) 2(Charter)	NY	1
NJ	1	VA	2

*

12a . (IF RESPONDENT ANSWERS \$0 TO Q.12.) Which of the following statements best describes why you feel the way you do?

You don't fish for striped bass	1
You already keep all the fish you care to	2
You don't want to pay any more to fish than you do now	3
You don't know how much a one fish change is worth to you	4
Other (describe)	5
Don't Know	8
Refused	9

*
 13 . The current daily bag limit for bluefish in (ENTER STATE) ____ is 10 fish. In the future it may be necessary to decrease the bag from 10 fish to 4 fish. Suppose you could choose to buy a special license that would allow you to maintain the current bag of 10 fish. If you chose not to buy the license, your daily bag would be 4 fish. What would be the maximum amount of money you would be willing to pay for this special license?

ENTER NUMBER		IF \$0 Go to Q.13A.	
Don't Know	888		
Refused	999	IF > \$0 Go to Q.14.	
<u>BLUEFISH BAG LIMIT BY STATE</u>			
ME	10	RI	10
CT	10	NH	10
MA	10	DE	10
MD	10	NY	10
NJ	0	VA	10

*
 13a . (IF RESPONDENT ANSWERS \$0 TO Q.13.) Which of the following statements best describes why you feel the way you do?

You don't fish for bluefish	1
You already keep all the fish you care to	
You don't want to pay any more to fish than you do now	2
You don't know how much a 6 fish change in bag limit is worth to you	3
Other (describe)	4
Don't Know	5
Refused	8
	9

VERSION 4

*

12 . The current daily bag limit for striped bass in (ENTER STATE) ____ is (ENTER STATE BAG LIMIT) ____ fish. Suppose you could choose to buy a special license that would increase your daily bag limit from (ENTER STATE BAG LIMIT) ____ to (ENTER STATE BAG LIMIT + 1) ____ fish. If you chose not to buy the license, your daily bag would still be (ENTER STATE BAG LIMIT) ____ fish. What would be the maximum amount of money you would be willing to pay for this special license?

ENTER NUMBER
Don't Know 888
Refused 999

IF \$0 Go to Q.12A.

IF > \$0 Go to Q.13.

STRIPED BASS BAG LIMIT BY STATE

ME	1	RI	1
CT	1	NH	1
MA	1	DE	1
MD	1(Rec) 2(Charter)	NY	1
NJ	1	VA	2

*

12a . (IF RESPONDENT ANSWERS \$0 TO Q.12.) Which of the following statements best describes why you feel the way you do?

You don't fish for striped bass	1
You already keep all the fish you care to	2
You don't want to pay any more to fish than you do now	3
You don't know how much a one fish change is worth to you	4
Other (describe)	5
Don't Know	8
Refused	9

*

13 . The current daily bag limit for bluefish in (ENTER STATE) ____ is 10 fish. In the future it may be necessary to decrease the bag from 10 fish to 2 fish. Suppose you could choose to buy a special license that would allow you to maintain the current bag of 10 fish. If you chose not to buy the license, your daily bag would be 2 fish. What would be the maximum amount of money you would be willing to pay for this special license? ENTER NUMBER

IF \$0 Go to Q.13A.

Don't Know 888
Refused 999

IF > \$0 Go to Q.14.

BLUEFISH BAG LIMIT BY STATE

ME	10	RI	10
CT	10	NH	10
MA	10	DE	10
MD	10	NY	10
NJ	0	VA	10

*

13a . (IF RESPONDENT ANSWERS \$0 TO Q.13.) Which of the following statements best describes why you feel the way you do?

You don't fish for bluefish	1
You already keep all the fish you care to	2
You don't want to pay any more to fish than you do now	3
You don't know how much a 8 fish change in the bag limit is worth to you	4
Other (describe)	5
Don't Know	8
Refused	9

Continuation of Interview After Versions 1-4

14. Do you or does anyone living in your household own a boat that is ever used for recreational saltwater fishing?

Yes	1	
No	2	
Don't Know	8	Go to Q.16.
Refused	9	

15. In what county and state do you store your boat?

16. What is the length of the boat? (If more than one boat, ask about primary fishing boat.)

Less than 10 feet	1	10 to 14 feet	2
15 to 19 feet	3	20 to 24 feet	4
25 to 29 feet	5	30 to 39 feet	6
40 feet or more	7	Don't Know	8
Refused	9		

17. Would you describe your ethnic background as:

White	1	Other(specify)	5
Black	2	Refused	8
Hispanic	3	Don't Know	9
Asian	4		

18. How old were you on your last birthday? (If respondent hesitates, quickly go to Q.18a.)

ENTER NUMBER		Go to Q.18.
Don't Know	888	
Refused	999	Go to Q.17a.

18a. That is, in which of the following age groups do you belong:

16 to 25	1	56 to 65	5
26 to 35	2	66 and over	6
36 to 45	3	Don't Know	8
46 to 55	4	Refused	9

19. Code Gender:

Male	1
Female	2

IF UNCERTAIN, SIMPLY ASK WHAT IS YOUR GENDER?

20. Including yourself, how many people reside in your household?

ENTER NUMBER	
Don't Know	88
Refused	99

21. What was the last grade of formal education you completed?
 (IF RESPONDENT HESITATES, READ LISTED ALTERNATIVES)
- | | | | |
|---------------------------------|---|----------------------|------------|
| Less than a high school degree | 1 | High school graduate | 2 |
| Vocational or community college | 3 | Some college | 4 |
| College graduate | 5 | Post-graduate degree | 6 |
| | | | Don't know |
- 8
- Refused
- d
- 9
- *
- 22 . Are you personally employed outside the home?
- | | | |
|------------|---|-------------|
| Yes | 1 | Go to Q.23. |
| No | 2 | Go to Q.22. |
| Don't Know | 8 | |
| Refused | 9 | Go to Q.27. |
23. Are you currently not employed as a result of your own choice, ... are you retired, ... or are you unemployed but looking for work.
- | | |
|------------------------|---|
| Not employed by choice | 1 |
| Retired | 2 |
| Unemployed & looking | 3 |
| Don't Know | 8 |
| Refused | 9 |
- (Go to Q.30.)
24. And are you self-employed?
- | | | |
|------------|---|-------------|
| Yes | 1 | Go to Q.25. |
| No | 2 | |
| Don't Know | 8 | |
| Refused | 9 | |
25. Do you work for an hourly wage or for a salary?
- | | | | |
|-----------------|---|-----------------|---|
| Hourly Wage | 1 | Salary | 2 |
| Commission only | 3 | Other (Specify) | 5 |
| Don't Know | 8 | Refused | 9 |
26. How much is your hourly wage?
27. How many hours a week do you usually work?
- | | |
|--------------|-----|
| ENTER NUMBER | |
| Don't Know | 888 |
| Refused | 999 |
28. Can you choose to work more or fewer hours a week?
- | | |
|------------|---|
| Yes | 1 |
| No | 2 |
| Don't Know | 8 |
| Refused | 9 |
29. During this fishing trip were you on a paid vacation?
- | | |
|------------|---|
| Yes | 1 |
| No | 2 |
| Don't Know | 8 |
| Refused | 9 |

30. Did you forgo any wages by taking this trip?

Yes	1	
No	2	
Don't Know	8	Go to Q.30.
Refused	9	

31. About how much money could you have earned if you hadn't taken this trip?

ENTER NUMBER	
Don't Know	888
Refused	999

32. Is your total annual household income before taxes over or under \$45,000?

IF OVER -> And is it over or under \$60,000?
 IF OVER -> And is it over or under \$75,000?
 IF OVER -> And is it over or under \$100,000?
 IF OVER -> And is it over or under \$125,000?
 IF OVER -> And is it over or under \$150,000?
 IF OVER -> And is it over or under \$175,000?

IF UNDER -> And is it over or under \$35,000?
 IF UNDER -> And is it over or under \$25,000?
 IF UNDER -> And is it over or under \$15,000?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	10
\$125,001 to \$150,000	11
\$150,001 to \$175,000	12
Greater than \$175,000	13
Don't know	8
Refused	9

If within 2 months Go to **Version B** of the Economic Questionnaire.
If never thank and terminate.

(IF INTERVIEWER IS NOT CERTAIN RESPONDENT IS AT LEAST 16 YRS OF AGE, SIMPLY ASK RESPONDENT IF HE/SHE IS AT LEAST 16 YRS OF AGE. IF < 16 YRS OF AGE, THEN TERMINATE AND THANK RESPONDENT.)

- | | | |
|--------------|-----|-------------|
| ENTER NUMBER | | Go to Q.2. |
| Don't Know | 888 | |
| Refused | 999 | Go to Q.1A. |

16 to 25	1	26 to 35	2
36 to 45	3	46 to 55	4
56 to 65	5	66 and over	6
Don't Know	8	Refused	9

- IF UNCERTAIN, SIMPLY ASK WHAT IS YOUR GENDER?

- | | |
|-----------------------------------|---|
| Less than a high school degree | 1 |
| High school graduate | 2 |
| Vocational or community college | 3 |
| Some college | 4 |
| College graduate | 5 |
| Post-graduate/professional degree | 6 |
| Don't know | 8 |
| Refused | 9 |

*

- | | |
|------------|---|
| Yes | 1 |
| No | 2 |
| Don't Know | 8 |
| Refused | 9 |

*
6 . Is your total annual household income before taxes over or under \$45,000?

IF OVER -> And is it over or under \$60,000?
IF OVER -> And is it over or under \$75,000?
IF OVER -> And is it over or under \$100,000?
IF OVER -> And is it over or under \$125,000?
IF OVER -> And is it over or under \$150,000?
IF OVER -> And is it over or under \$175,000?

IF UNDER -> And is it over or under \$35,000?
IF UNDER -> And is it over or under \$25,000?
IF UNDER -> And is it over or under \$15,000?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	10
\$125,001 to \$150,000	11
\$150,001 to \$175,000	12
Greater than \$175,000	13
Don't know	8
Refused	9

Version B

* = Key Question

FOR CATEGORY 3 RESPONDENTS.

QUESTION 1 SHALL BE ASKED FOR EACH TRIP FOLLOWING THE TRIP MODE QUESTION ON MRFSS TELEPHONE FISHERMAN QUESTIONNAIRE.

*

- 1 . Were you fishing for any particular kinds of fish on that trip?
- | | | | |
|-----|-------------|------------|-------|
| Yes | What Kinds? | 1st Target | _____ |
| No | 2 | 2nd Target | _____ |

DO NOT PROMPT FOR A SECOND SPECIES IF ONLY ONE SPECIES IS MENTIONED. "ANYTHING" IS A VALID ANSWER.

QUESTIONS 2-10 WILL BE ASKED AT THE END OF THE ROUTINE MRFSS TELEPHONE TRIP QUESTIONS

(IF INTERVIEWER IS NOT CERTAIN RESPONDENT IS AT LEAST 16 YRS OF AGE, SIMPLY ASK RESPONDENT IF HE/SHE IS AT LEAST 16 YRS OF AGE. IF < 16 YRS OF AGE, THEN THANK RESPONDENT AND TERMINATE.)

2. How many saltwater fishing trips did you take within the past 12 months?
- | | |
|--------------|---|
| ENTER NUMBER | |
| Don't Know | 8 |
| Refused | 9 |
3. On how many of those trips did you target either bluefish, striped bass, black sea bass, summer flounder, Atlantic cod, tautog or scup (substitute 'weakfish' for scup in the Middle Atlantic)?
- | | |
|--------------|-----|
| ENTER NUMBER | |
| Don't Know | 888 |
| Refused | 999 |
4. Do you or does anyone living in your household own a boat that is ever used for recreational fishing?
- | | |
|------------|---|
| Yes | 1 |
| No | 2 |
| Don't Know | 8 |
| Refused | 9 |
5. How old were you on your last birthday? (IF RESPONDENT HESITATES, QUICKLY GO TO Q.5A.)
- | | |
|--------------|-------------|
| ENTER NUMBER | Go to Q.6. |
| Don't Know | 8 |
| Refused | 9 |
| | Go to Q.5A. |
- 5a. That is, in which of the following age groups do you belong?
- | | | | |
|------------|---|-------------|---|
| 16 to 25 | 1 | 26 to 35 | 2 |
| 36 to 45 | 3 | 46 to 55 | 4 |
| 56 to 65 | 5 | 66 and over | 6 |
| Don't Know | 8 | Refused | 9 |

6.	Code Gender:	Male	1
		Female	2

IF UNCERTAIN, SIMPLY ASK WHAT IS YOUR GENDER?

7.	Would you describe your ethnic background as:	
	White	1
	Black	2
	Hispanic	3
	Asian	4
	Other(specify)	5
	Don't Know	8
	Refused	9

8. What was the last grade of formal education which you have completed?

(IF RESPONDENT HESITATES, READ LISTED ALTERNATIVES)

Less than a high school degree	1
High school graduate	2
Vocational or community college	3
Some college	4
College graduate	5
Post-graduate/professional degree	6
Don't know	8
Refused	9

*

9 . Are you personally employed outside the home?

Yes	1
No	2
Don't Know	8
Refused	9

*

10 . Is your total annual household income before taxes over or under \$45,000?

IF OVER -> And is it over or under \$60,000?
IF OVER -> And is it over or under \$75,000?
IF OVER -> And is it over or under \$100,000?
IF OVER -> And is it over or under \$125,000?
IF OVER -> And is it over or under \$150,000?
IF OVER -> And is it over or under \$175,000?

IF UNDER -> And is it over or under \$35,000?
IF UNDER -> And is it over or under \$25,000?
IF UNDER -> And is it over or under \$15,000?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	10
\$125,001 to \$150,000	11
\$150,001 to \$175,000	12
Greater than \$175,000	13
Don't know	8
Refused	9

ATTACHMENT B.B

1997 SOUTHEAST SUPPLEMENTAL ECONOMIC SURVEY

Attachment B.B.1
1997 Southeast Add-On Economic Intercept Interview

* = Key Question

(IF INTERVIEWER IS NOT CERTAIN RESPONDENT IS AT LEAST 16 YEARS OF AGE, SIMPLY ASK RESPONDENT IF HE/SHE IS AT LEAST 16 YEARS OF AGE. IF < 16 YEARS OF AGE, THEN TERMINATE AND THANK RESPONDENT.)

NOTE: FOR QUESTIONS 1-5, A "RESIDENCE" THAT REQUIRES EXPENDITURES OR MAINTENANCE FEES REGARDLESS OF ACTUAL OCCUPANCY IS A RESIDENCE. "DAYS AWAY FROM THE RESIDENCE" ARE THOSE WHERE LODGING EXPENDITURES ARE DEPENDENT UPON OCCUPANCY. PROBING MAY BE NECESSARY TO DETERMINE THE APPROPRIATE INTERVIEW PATTERN. SEASONAL HOMES, TIMESHARES, ETC. ARE RESIDENCES AND NOT TO BE CONSIDERED OVERNIGHT TRIPS.

*1. Was this day of fishing part of a longer trip in which you spent/or plan to spend at least one night away from your residence?

Yes	1	
No	2	GO TO Q.6.
Refused	9	

2. How many nights will you be away from your residence on this trip?

ENTER NUMBER	(≤365)
Don't know	998
Refused	999

3. On how many days will you fish?

ENTER NUMBER	(≤Q.2. RESPONSE)
Don't know	998
Refused	999

*4. How much will you, personally, pay for lodging?

ENTER AMOUNT	FORMAT: \$ _ _ _ .00
Someone else paid	9996
Don't know	9998
Refused	9999

5. Approximately how long did it take you to travel one-way from your residence to the place you stayed last night?

ENTER NUMBER	≤ 24 HOURS; FORMAT: HOURS.MINUTES
Don't know	998
Refused	999

6. Approximately, how long did it take you to travel from where you stayed last night to the fishing or boat launch site?

ENTER NUMBER	≤ 24 HOURS; FORMAT: HOURS.MINUTES
Don't know	998
Refused	999

*7. How much did you, personally, spend to travel from your residence to the fishing or boat launch site (round-trip costs)? Please consider expenditures on gas, tolls, ferry fees, parking, etc.

ENTER AMOUNT	FORMAT: \$ _ _ _ .00
Don't know	9998
Refused	9999

*8. How much did you, personally, spend to purchase or rent fishing equipment, and for bait, licenses, gas and launch fees for your boat for this trip? **PLEASE DO NOT INCLUDE** charter/guide services and boat rental fees.

ENTER AMOUNT

FORMAT: \$ _ _ _ .00

Don't know	9998
Refused	9999

*9. I appreciate your time for this interview. There is another part to this survey that involves a short telephone follow-up interview to get your opinions about fisheries management. May we call you to participate in this follow-up survey?

Yes	1
No	2

IF ANGLER DID NOT RELEASE NAME AND/OR PHONE NUMBER DURING MRFSS PORTION OF THE SURVEY (Q.2?. MRFSS), STATE: TO PARTICIPATE, MAY I HAVE YOUR NAME AND A PHONE NUMBER?

Thank you for your time!

Attachment B.B.2
1997 Southeast Add-On Intercept Follow-Up Telephone Interview

*** = Key Question**

INTRODUCTION

"Hello, this is _____ calling from QuanTech in Rosslyn, Virginia. You recently spoke with one of our field staff members during your fishing trip in (STATE) on (DATE OF TRIP). We are calling now with a follow-up to that survey to collect more detailed information that could not be collected in the field. Your answers will be kept confidential." **DO NOT ASK IF THIS IS CORRECT BUT BE PREPARED FOR NEGATIVE RESPONSE AND CODE AS FOLLOWS:**

Was not interviewed/did not		
volunteer for interview	9	THANK AND TERMINATE

APPLY VERSIONS 1 (ANGLERS WHO DESIGNATED A TARGET SPECIES ON BASE MRFSS) AND 2 (ANGLERS WHO DID NOT DESIGNATE A TARGET SPECIES ON BASE MRFSS) OF QUESTIONS 1-2, AS APPROPRIATE.

VERSION 1: (ANGLERS WHO DESIGNATED A TARGET SPECIES ON BASE MRFSS).

***1. INTRODUCTION:** On the day that you were interviewed you stated that you were fishing from (MODE, Q.11. MRFSS) and that you targeted (PRIM1, Q.14. MRFSS) on that trip.

(NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW) On how many days during the past two months, including the day you were interviewed, have you gone saltwater fishing?

ENTER NUMBER	(>=1)	GO TO Q.1a.
Don't know/remember	998	GO TO Q.2.
Refused	999	GO TO Q.2.

***1a.** On how many days did you fish from (MODE, Q.11. MRFSS)?

ENTER NUMBER	(<=Q.1. RESPONSE)	GO TO Q.1b.
Don't know/remember	998	GO TO Q.2.
Refused	999	GO TO Q.2.

***1b.** On how many days fishing from (MODE, Q.11. MRFSS) did you target (PRIM1, Q.14. MRFSS)?

ENTER NUMBER	(<=Q.1a. RESPONSE)
Don't know/remember	998
Refused	999

***2.** Now we're only interested in the trips during the past two months (**NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW**) when you fished at or launched from (SITE), including the day you were interviewed. On how many days within the past 2 months did you fish at or launch from (SITE)?

ENTER NUMBER	(>=0)	IF Q.1=Q.1b.=Q.2., THEN AUTO-INSERT RESPONSE TO Q.2. INTO Q.2a. & Q.2b.
Don't know/remember	998	
Refused	999	

***2a.** (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) And of those days you fished at or launched from (SITE), on how many of those days did you fish from (MODE, Q.11. MRFSS).

ENTER NUMBER		(=<Q.2. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2a.=Q.2.)
Don't know/remember	998	
Refused	999	

*2b. (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) Finally, on how many of those days at (SITE) fishing from (MODE, Q.11. MRFSS) did you target (PRIM1, Q.14. MRFSS)?

ENTER NUMBER		(=<Q.2a. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2b.=Q.2a.=Q.2.)
Don't know/remember	998	
Refused	999	

VERSION 2: (ANGLERS WHO DID NOT DESIGNATE A TARGET SPECIES ON BASE MRFSS).

*1. **INTRODUCTION:** On the day that you were interviewed you stated that you were fishing from (MODE, Q.11. MRFSS) and that you did not target any particular species on that trip.

(NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW) On how many days during the past two months, including the day you were interviewed, have you gone saltwater fishing?

ENTER NUMBER		(>=1)	GO TO Q.1a.
Don't know/remember	998		GO TO Q.2.
Refused	999		GO TO Q.2.

*1a. On how many days did you fish from (MODE, Q.11. MRFSS)?

ENTER NUMBER		(=<Q.1. RESPONSE) GO TO Q.1b.
Don't know/remember	998	GO TO Q.2.
Refused	999	GO TO Q.2.

*1b. On how many days from this (MODE, Q.11. MRFSS) did you fish without targeting any particular species?

ENTER NUMBER		(=<Q.1a. RESPONSE)
Don't know/remember	998	
Refused	999	

*2. Now we're only interested in the trips during the past two months (NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW) when you fished at or launched from (SITE), including the day you were interviewed. On how many days within the past 2 months did you fish at or launch from (SITE)?

ENTER NUMBER		(>=0)	IF Q.1=Q.1b.=Q.2., THEN AUTO- INSERT RESPONSE TO Q.2. INTO Q.2a. & Q.2b.
Don't know/remember	998		GO TO Q.3.
Refused	999		GO TO Q.3.

*2a. (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) And of those days you fished at or launched from (SITE), on how many of those days did you fish from (MODE, Q.11. MRFSS)?

ENTER NUMBER		(=<Q.2. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2a.=Q.2.)
Don't know/remember	998	GO TO Q.3.
Refused	999	GO TO Q.3.

*2b. (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) Finally, on how many of those days at (SITE) fishing from (MODE, Q.11. MRFSS) did you fish without targeting any particular species?

ENTER NUMBER	(=<Q.2a. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2b.=Q.2a.=Q.2.)
Don't know/remember	998
Refused	999

3. How many overnight trips did you take during the past 2 months on which you went saltwater fishing (**NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW**)?

ENTER NUMBER	(=<Q.1.)
Don't know	998
Refused	999

4. How many years have you been saltwater fishing?

ENTER NUMBER	
Don't know	998
Refused	999

5. How many years have you been saltwater fishing in (**STATE OF INTERCEPT**)?

ENTER NUMBER	(=<Q.4. RESPONSE)
Don't know	998
Refused	999

6. What species do you generally target during the year? Please/this includes species already mentioned (Q.1.). (**ACCEPT A MAXIMUM OF 4 TARGET SPECIES; "ANYTHING\DON'T TARGET" IS A VALID RESPONSE**). **AUTO-ENTER SPECIES 1 FROM Q.1, IF APPROPRIATE.**

Species		
1.	Q.1. TARGET SPECIES	GO TO Q.6a. IF "ANYTHING/DON'T TARGET", GO TO Q.6b.
2.		GO TO Q.6a.
3.		GO TO Q.6a.
4.		GO TO Q.6a.
	Don't know	998 GO TO Q.7.
	Refused	999 GO TO Q.7.

6a. (**SKIP IF ANGLER DOES NOT TARGET**) (**FOR EACH SPECIES IDENTIFIED IN Q.6.**) Do you typically expect to catch and keep the legal bag limit of (**TARGET SPECIES1**)? How about (**TARGET SPECIES 2**)? Etc.

Species	Yes	1	GO TO Q.7.
1. Q.6. SPECIES 1.	No	2	GO TO Q.7.
2. Q.6. SPECIES 2.	Practice Catch & Release	3	GO TO Q.7.
3. Q.6. SPECIES 3.	Don't know	8	GO TO Q.7.
4. Q.6. SPECIES 4.	Refused	9	GO TO Q.7.

6b. Is there a specific reason why you don't target any particular species? (**NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING TO THE FOLLOWING CATEGORIES, AND CODE AS APPROPRIATE. PROBING MAY BE REQUIRED TO ELICIT THE PRIMARY REASON**).

No	1	GO TO Q.8.
Don't care what I catch/just like to fish	2	GO TO Q.8.
Never know what I will catch	3	GO TO Q.8.
The species I prefer to catch are not available due to decline in population	4	GO TO Q.8.
The species I prefer to catch are not available due to regulations	5	GO TO Q.8.
I lack the appropriate equipment	6	GO TO Q.8.
Other (SPECIFY)	7	GO TO Q.8.

Don't know
Refused

8 GO TO Q.8.
9 GO TO Q.8.

***FOR QUESTIONS 7-9, INSERT Q.1. PRIM1 SPECIES (=Q.14 MRFSS BASE PRIM1) IF THE PRIM1 SPECIES IS IN THE APPROPRIATE FOLLOWING LIST. IF THE PRIM1 SPECIES IS "NO TARGET" BUT Q.6. IDENTIFIES A SPECIES, THEN INSERT THE FIRST (PRIMARY) Q.6. SPECIES FOR QUESTIONS 7-9. OTHERWISE, RANDOMLY INSERT THE FOLLOWING SPECIES:

GULF OF MEXICO

RED DRUM
SPOTTED SEATRUT
KING MACKEREL
SPANISH MACKEREL
RED SNAPPER
GAG
RED GROUPER (FLORIDA ONLY)
COBIA
GREATER AMBERJACK

SOUTH ATLANTIC

RED DRUM
SPOTTED SEATRUT
KING MACKEREL
SPANISH MACKEREL
DOLPHIN
GAG
GREATER AMBERJACK

*7. Have the regulations on recreational fishing for (**SPECIES; SINGLE SPECIES**) in the last 2 years caused you to change the number of days you normally fish per year?

Yes	1	GO TO Q.7a.
No	2	GO TO Q.8.
Don't know	8	GO TO Q.8.
Refused	9	GO TO Q.8.

7a. Have the regulations on (**Q.7. SPECIES; SINGLE SPECIES**) caused you to increase or decrease the number of days you normally fish per year?

Increase	1	GO TO Q.7b.
Decrease	2	GO TO Q.7c.

7b. How many more days per year do you fish as a result of (**Q.7. SPECIES; SINGLE SPECIES**) regulations?

ENTER NUMBER		GO TO Q.8.
Don't know	98	GO TO Q.8.
Refused	99	GO TO Q.8.

7c. How many fewer days per year do you fish as a result of (**Q.7. SPECIES; SINGLE SPECIES**) regulations?

ENTER NUMBER	
Don't know	98
Refused	99

8. Has the change in catch rate for (**Q.7. SPECIES; SINGLE SPECIES**) in the last 2 years caused you to change the number of days you normally fish per year?

Yes	1	GO TO Q.8a.
No	2	GO TO Q.9.
Don't know	8	GO TO Q.9.
Refused	9	GO TO Q.9.

8a. Has the change in catch rate of (**Q.7. SPECIES; SINGLE SPECIES**) caused you to increase or decrease the number of days you normally fish per year?

Increase	1	GO TO Q.8b.
Decrease	2	GO TO Q.8c.

8b. How many more days per year do you fish as a result of the change in the (Q.7. SPECIES; SINGLE SPECIES) catch rate?

ENTER NUMBER		GO TO Q.9.
Don't know	98	GO TO Q.9.
Refused	99	GO TO Q.9.

8c. How many fewer days per year do you fish as a result of the change in the (Q.7. SPECIES; SINGLE SPECIES) regulations?

ENTER NUMBER	
Don't know	98
Refused	99

9. Has the change in catch rate or management of (Q.7. SPECIES; SINGLE SPECIES) in the last 2 years caused you to target any new species? ("ANYTHING" IS A VALID RESPONSE)

Yes	1	GO TO Q.9a.
No	2	GO TO Q.10.
Don't know	8	GO TO Q.10.
Refused	9	GO TO Q.10.

9a. What new species do you now target? (ONE FOR ONE, SINGLE SPECIES SUBSTITUTION)

ENTER SPECIES CODE	
Refused	999

10. (SOUTH ATLANTIC ONLY) Currently, there is no federal management of dolphin fish in the South Atlantic. Which one of the following conservation measures do you MOST prefer for managing dolphin: READ ONLY OPTIONS 1-6. ACCEPT ONLY ONE RESPONSE OR PROBE FOR PREFERRED OPTION. CODE "NONE" OR "PREFER NO MANAGEMENT" AS "9" (REFUSED).

Limits on the minimum size of fish you can keep	1
Limits on the maximum size of fish you can keep	2
Limits on the number of fish you can keep	3
Limits on the times of year when you can keep the fish you catch	4
Limits on the areas where you can fish	5
Limits on who can fish	6
No preference	7
Don't know	8
Refused	9

*11. (SOUTH ATLANTIC ONLY) The South Atlantic Council is considering additional regulations for snappers, groupers and related reef fish species. Which one of the following conservation measures do you MOST prefer: READ ONLY OPTIONS 1-3. ACCEPT ONLY ONE RESPONSE AND PROBE FOR PREFERRED OPTION. CODE "NONE" OR "PREFER NO MANAGEMENT" AS "9" (REFUSED).

More restrictive bag and size limits for individual species	1
A 20-fish aggregate bag limit inclusive of all species in the management unit, with no size limits	2
A 25-fish aggregate bag limit inclusive of all species in the management unit, with existing size limits	3
No preference	7
Don't know	8
Refused	9

RANDOMLY APPLY THE 5 DIFFERENT VERSIONS OF Q.11.

*11. **VERSION 1. (GULF OF MEXICO ONLY)** The current bag limit for red snapper is 5 fish per angler per day. It may be necessary in the future to reduce the bag limit to 4 fish. Suppose you could purchase a special annual permit that would allow you to keep 5 fish per day while all anglers who did not purchase the permit would only be allowed to keep 4 fish per day. The 5-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR RED SNAPPER," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.11a.

ENTER AMOUNT		IF \$0, GO TO Q.11a.	FORMAT: \$ _ _ .00
		IF >\$0, GO TO Q.12.	
Don't know	998	GO TO Q.12.	
Refused	999	GO TO Q.12.	

*11. **VERSION 2. (GULF OF MEXICO ONLY)** The current bag limit for red snapper is 5 fish per angler per day. It may be necessary in the future to reduce the bag limit to 3 fish. Suppose you could purchase a special annual permit that would allow you to keep 5 fish per day while all anglers who did not purchase the permit would only be allowed to keep 3 fish per day. The 5-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR RED SNAPPER," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.11a.

ENTER AMOUNT		IF \$0, GO TO Q.11a.	FORMAT: \$ _ _ .00
		IF >\$0, GO TO Q.12.	
Don't know	998	GO TO Q.12.	
Refused	999	GO TO Q.12.	

*11. **VERSION 3. (GULF OF MEXICO ONLY)** The current bag limit for red snapper is 5 fish per angler per day. It may be necessary in the future to reduce the bag limit to 2 fish. Suppose you could purchase a special annual permit that would allow you to keep 5 fish per day while all anglers who did not purchase the permit would only be allowed to keep 2 fish per day. The 5-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR RED SNAPPER," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.11a.

ENTER AMOUNT		IF \$0, GO TO Q.11a.	FORMAT: \$ _ _ .00
		IF >\$0, GO TO Q.12.	
Don't know	998	GO TO Q.12.	
Refused	999	GO TO Q.12.	

*11. **VERSION 4. (GULF OF MEXICO ONLY)** The current bag limit for red snapper is 5 fish per angler per day. It may be necessary in the future to reduce the bag limit to 1 fish. Suppose you could purchase a special annual permit that would allow you to keep 5 fish per day while all anglers who did not purchase the permit would only be allowed to keep 1 fish per day. The 5-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR RED SNAPPER," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.11a.

ENTER AMOUNT		IF \$0, GO TO Q.11a.	FORMAT: \$ _ _ .00
		IF >\$0, GO TO Q.12.	
Don't know	998	GO TO Q.12.	
Refused	999	GO TO Q.12.	

*11. **VERSION 5. (GULF OF MEXICO ONLY)** The current bag limit for red snapper is 5 fish per angler per day. It may be necessary in the future to reduce the bag limit to 0 fish. Suppose you could purchase a special annual permit that would allow you to keep 5 fish per day while all anglers who did not purchase

the permit would not be allowed to keep any red snapper. The 5-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR RED SNAPPER," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.11a.

ENTER AMOUNT		IF \$0, GO TO Q.11a.	FORMAT: \$ _ _ _ .00
		IF >\$0, GO TO Q.12.	
Don't know	998	GO TO Q.12.	
Refused	999	GO TO Q.12.	

*11a. (GULF OF MEXICO ONLY) (IF RESPONDENT ANSWERS \$0 TO Q.11., GULF OF MEXICO VERSIONS) Why wouldn't you pay any money for this special permit? (NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING TO THE FOLLOWING CATEGORIES, AND CODE AS APPROPRIATE. PROBING MAY BE REQUIRED TO ELICIT THE PRIMARY REASON).

You don't fish for red snapper	1
You practice catch and release	2
You don't usually catch the current limit	3
Limits do not restrict your catch	4
The lower limit is sufficient	5
You don't want to pay any more to fish than you do now	6
You Don't know how much the change is worth to you	7
You don't understand how the permit would work	10
Other (SPECIFY)	11
Don't know	8
Refused	9

FOR GA, NC & SC RANDOMLY APPLY VERSIONS 1, 2 AND 3 OF Q.12. FOR ALL OTHER STATES RANDOMLY APPLY VERSION 1 AND 3

*12. VERSION 1. The current bag limit for king mackerel in (ENTER STATE) is (ENTER STATE LIMIT) fish per angler per day. It may be necessary in the future to reduce the bag limit to (ENTER STATE LIMIT MINUS 1) fish. Suppose you could purchase a special annual permit that would allow you to keep (ENTER STATE LIMIT) fish per day while all anglers who did not purchase the permit would only be allowed to keep (ENTER STATE LIMIT MINUS 1) fish per day. The (ENTER STATE LIMIT)-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR KING MACKEREL," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.12A.

ENTER AMOUNT		IF \$0, GO TO Q.12a.	FORMAT: \$ _ _ _ .00
		IF >\$0, GO TO Q.13.	
Don't know	998	GO TO Q.13.	
Refused	999	GO TO Q.13	

STATE KING MACKEREL LIMITS

_____ FLE	2	FLW	2
GA	3	AL	2
SC	3	MS	2
NC	3	LA	2

*12. VERSION 2. The current bag limit for king mackerel in (ENTER STATE) is 3 fish per angler per day. It may be necessary in the future to reduce the bag limit to 1 fish. Suppose you could purchase a special annual permit that would allow you to keep 3 fish per day while all anglers who did not purchase the permit would only be allowed to keep 1 fish per day. The 3-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR KING MACKEREL," PROBE

WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.12a.

ENTER AMOUNT		IF \$0, GO TO Q.12a.	FORMAT: \$ _ _ _ .00
		IF >\$0, GO TO Q.13.	
Don't know	998	GO TO Q.13	
Refused	999	GO TO Q.13	

STATE KING MACKEREL LIMITS

_____ FLE	2	FLW	2
GA	3	AL	2
SC	3	MS	2
NC	3	LA	2

*12. **VERSION 3.** The current bag limit for king mackerel in (ENTER STATE) is (ENTER STATE LIMIT) fish per angler per day. It may be necessary in the future to reduce the bag limit to 0 fish. Suppose you could purchase a special annual permit that would allow you to keep (ENTER STATE LIMIT) fish per day while all anglers who did not purchase the permit would not be allowed to keep any king mackerel. The (ENTER STATE LIMIT)-fish bag limit would be your daily limit for the year. How much would you be willing to pay for this special permit? IF RESPONSE IS "DON'T FISH FOR KING MACKEREL," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.12a.

ENTER AMOUNT		IF \$0, GO TO Q.12a.	FORMAT: \$ _ _ _ .00
		IF >\$0, GO TO Q.13.	
Don't know	998	GO TO Q.13	
Refused	999	GO TO Q.13	

STATE KING MACKEREL LIMITS

_____ FLE	2	FLW	2
GA	3	AL	2
SC	3	MS	2
NC	3	LA	2

*12a. (IF RESPONDENT ANSWERS \$0 TO Q.12.) Why wouldn't you pay any money for this special permit? (NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING TO THE FOLLOWING CATEGORIES, AND CODE AS APPROPRIATE. PROBING MAY BE REQUIRED TO ELICIT THE PRIMARY REASON).

You don't fish for king mackerel	1
You practice catch and release	2
You don't usually catch the current limit	3
Limits do not restrict your catch	4
The lower limit is sufficient	5
You don't want to pay any more to fish than you do now	6
You Don't know how much the change is worth to you	7
You don't understand how the permit would work	10
Other (SPECIFY)	11
Don't know	8
Refused	9

*13. (GULF OF MEXICO ONLY) (IF ANSWER TO Q.11A. WAS "1", DON'T FISH FOR RED SNAPPER, AUTOCODE "1" FOR Q.13., GULF OF MEXICO VERSION) If it was decided that red snapper would have a 0 bag limit due to seasonal or quota closure, meaning that you had to release all red snapper you caught regardless of size, would you:

Keep fishing because you don't fish for red snapper	1
Keep fishing for red snapper because you practice	

catch and release	2
Keep fishing for red snapper because the bag limit doesn't matter	3
Stop fishing for red snapper and fish for other species	4
Stop fishing altogether	5
Other (SPECIFY)	6
Don't know	8
Refused	9

*13. (**SOUTH ATLANTIC ONLY**) If it was decided that gag would have a 0 bag limit due to seasonal or quota closure, meaning that you had to release all gag you caught regardless of size, would you:

Keep fishing because you don't fish for gag	1
Keep fishing for gag because you practice catch and release	2
Keep fishing for gag because the bag limit doesn't matter	3
Stop fishing for gag and fish for other species	4
Stop fishing altogether	5
Other (SPECIFY)	6
Don't know	8
Refused	9

*****RANDOMLY APPLY THE 5 VERSIONS OF Q.14.*****

*14. **VERSION 1. (SOUTH ATLANTIC AND FLORIDA ONLY)** Under the current 5-fish aggregate grouper bag limit, up to 5 gag can be landed per angler per day. It may be necessary in the future to establish a new bag limit that allows a maximum of 4 gag per angler per day under the 5-fish aggregate grouper bag limit. Suppose you could buy a special permit that would allow all 5 of your fish under the aggregate grouper bag limit to be gag. This would be your personal daily limit for the year and all anglers who did not purchase this permit would be limited to 4 gag per day. How much would you pay for this permit? **IF RESPONSE IS "DON'T FISH FOR GAG," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.14a.**

ENTER AMOUNT	IF \$0, GO TO Q.14a.	FORMAT: \$ _ _ _ .00
	IF >\$0, GO TO Q.15.	
Don't know	998	GO TO Q.15.
Refused	999	GO TO Q.15.

*14. **VERSION 2. (SOUTH ATLANTIC AND FLORIDA ONLY)** Under the current 5-fish aggregate grouper bag limit, up to 5 gag can be landed per angler per day. It may be necessary in the future to establish a new bag limit that allows a maximum of 3 gag per angler per day under the 5-fish aggregate grouper bag limit. Suppose you could buy a special permit that would allow all 5 of your fish under the aggregate grouper bag limit to be gag. This would be your personal daily limit for the year and all anglers who did not purchase this permit would be limited to 3 gag per day. How much would you pay for this permit? **IF RESPONSE IS "DON'T FISH FOR GAG," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.14a.**

ENTER AMOUNT	IF \$0, GO TO Q.14a.	FORMAT: \$ _ _ _ .00
	IF >\$0, GO TO Q.15.	
Don't know	998	GO TO Q.15.
Refused	999	GO TO Q.15.

*14. **VERSION 3. (SOUTH ATLANTIC AND FLORIDA ONLY)** Under the current 5-fish aggregate grouper bag limit, up to 5 gag can be landed per angler per day. It may be necessary in the future to establish a new bag limit that allows a maximum of 2 gag per angler per day under the 5-fish aggregate grouper bag limit. Suppose you could buy a special permit that would allow all 5 of your fish under the aggregate grouper bag limit to be gag. This would be your

personal daily limit for the year and all anglers who did not purchase this permit would be limited to 2 gag per day. How much would you pay for this permit? IF RESPONSE IS "DON'T FISH FOR GAG," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.14a.

ENTER AMOUNT		IF \$0, GO TO Q.14a.	FORMAT: \$ _ _ _ .00
		IF >\$0, GO TO Q.15.	
Don't know	998	GO TO Q.15.	
Refused	999	GO TO Q.15.	

*14. **VERSION 4. (SOUTH ATLANTIC AND FLORIDA ONLY)** Under the current 5-fish aggregate grouper bag limit, up to 5 gag can be landed per angler per day. It may be necessary in the future to establish a new bag limit that allows a maximum of 1 gag per angler per day under the 5-fish aggregate grouper bag limit. Suppose you could buy a special permit that would allow all 5 of your fish under the aggregate grouper bag limit to be gag. This would be your personal daily limit for the year and all anglers who did not purchase this permit would be limited to 1 gag per day. How much would you pay for this permit? IF RESPONSE IS "DON'T FISH FOR GAG," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.14a.

ENTER AMOUNT		IF \$0, GO TO Q.14a.	FORMAT: \$ _ _ _ .00
		IF >\$0, GO TO Q.15.	
Don't know	998	GO TO Q.15.	
Refused	999	GO TO Q.15.	

*14. **VERSION 5. (SOUTH ATLANTIC AND FLORIDA ONLY)** Under the current 5-fish aggregate grouper bag limit, up to 5 gag can be landed per angler per day. It may be necessary in the future to establish a new bag limit that does not allow any gag to be kept. Suppose you could buy a special permit that would allow you to continue to land up to 5 gag under the aggregate grouper bag limit. This would be your personal daily limit for the year and all anglers who did not purchase this permit would not be allowed to keep gag. How much would you pay for this permit? IF RESPONSE IS "DON'T FISH FOR GAG," PROBE WITH "DOES THIS MEAN YOU WOULD NOT BE WILLING TO PAY FOR A PERMIT?" IF RESPONSE IS "YES," INSERT "\$0" FOR AMOUNT AND AUTOCODE "1" FOR Q.14a.

ENTER AMOUNT		IF \$0, GO TO Q.14a.	FORMAT: \$ _ _ _ .00
		IF >\$0, GO TO Q.15.	
Don't know	998	GO TO Q.15.	
Refused	999	GO TO Q.15.	

*14a. **(SOUTH ATLANTIC AND FLORIDA ONLY) (IF RESPONDENT ANSWERS \$0 TO Q.14.)** Why wouldn't you pay any money for this special permit? (NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING TO THE FOLLOWING CATEGORIES, AND CODE AS APPROPRIATE. PROBING MAY BE REQUIRED TO ELICIT THE PRIMARY REASON).

You don't fish for gag	1
You practice catch and release	2
You don't usually catch the current limit	3
Limits do not restrict your catch	4
THE lower limit is sufficient	5
You don't want to pay any more to fish than you do now	6
You Don't know how much the change is worth to you	7
You don't understand how the permit would work	10
Other (SPECIFY)	11
Don't know	8
Refused	9

*15. **(IF ANSWER TO Q.12A. WAS "1", DON'T FISH FOR KING MACKEREL, AUTOCODE "1" FOR Q.15.)** If it was decided that king mackerel would have a 0 bag limit due

to seasonal or quota closure, meaning that you had to release all king mackerel you caught regardless of size, would you:

Keep fishing because you don't fish for king mackerel	1
Keep fishing for king mackerel because you practice catch and release	2
Keep fishing for king mackerel because the bag limit doesn't matter	3
Stop fishing for king mackerel and fish for other species	4
Stop fishing altogether	5
Other (SPECIFY)	6
Don't know	8
Refused	9

*16. (**IF FISHED FROM PARTY/CHARTER OR RENTAL BOAT**) How much did you, personally, spend on boat fees for the trip on (**DATE**) when you were initially interviewed? (**DEFINITION OF BOAT FEES: THE DAILY COST TO CHARTER OR RENT A BOAT.**)

ENTER AMOUNT	FORMAT: \$ _ _ _ .00
Don't know	9998
Refused	9999

17. Do you or does anyone living in your household own a boat that is ever used for marine recreational fishing?

Yes	1	GO TO Q.17a.
No	2	GO TO Q.18.
Don't know	8	GO TO Q.18.
Refused	9	GO TO Q.18.

17a. In what county and state is the boat stored? (**IF MORE THAN ONE BOAT, ASK ABOUT PRIMARY FISHING BOAT.**)

ENTER ST AND COUNTY CODE	GO TO Q.17b.
Don't know	998 GO TO Q.17b.
Refused	999 GO TO Q.17b.

17b. What is the length of that boat?

Less than 10 feet	1
10 to 14 feet	2
15 to 19 feet	3
20 to 24 feet	4
25 to 29 feet	5
30 to 39 feet	6
40 feet or more	7
Don't know	8
Refused	9

18. (**ASK ONLY IF STATE IS AL, FL, LA, MS or SC**) Do you have a current saltwater fishing license? (**NOTE: THIS IS AN INDIVIDUAL LICENSE.**)

Yes	1
No	2
Refused	9

19. Have you ever observed an enforcement officer inspect licenses or catch?

Yes	1
No	2
Refused	9

INTRODUCTION: "These final questions are for statistical purposes and help us to be sure we've spoken with a random sample of anglers. I appreciate your cooperation."

20. What year were you born? (IF RESPONDENT HESITATES, QUICKLY GO TO Q.20a.)

ENTER YEAR		GO TO Q.21.
Don't know	8	GO TO Q.20a.
Refused	9	GO TO Q.20a.

20a. That is, in which of the following age groups do you belong?

16 to 25	1	26 to 35	2
36 to 45	3	46 to 55	4
56 to 64	5	65 and over	6
Don't know	8	Refused	9

21. Code Gender:

Male	1
Female	2

IF UNCERTAIN, SIMPLY ASK "WHAT IS YOUR GENDER?"

22. What is your race?

White	1
Black	2
Asian	3
American Indian	4
Other (SPECIFY)	5
Don't know	8
Refused	9

23. Are you of Spanish or Hispanic origin or descent?

Yes	1	GO TO Q.23a.
No	2	GO TO Q.24.
Don't know	8	GO TO Q.24.
Refused	9	GO TO Q.24.

23a. Which group best describes your Spanish/Hispanic origin?

Mexican/Mexican American	1
Cuban	2
Puerto Rican	3
Other (SPECIFY)	4
Don't know	8
Refused	9

*24. Are you, personally, employed? This includes self-employment.

Yes	1	GO TO Q.24a.
No	2	GO TO Q.24b.
Don't know	8	GO TO Q.25.
Refused	9	GO TO Q.25.

*24a. Are you employed part-time or full-time?

Part-time	1	GO TO Q.25.
Full-time	2	GO TO Q.25.
Variable	3	GO TO Q.25.
Don't know	8	GO TO Q.25.

Refused 9 GO TO Q.25.
*24b. Which of the following reasons best explains your unemployed status?

Looking for employment	1	GO TO Q.28.
Retired	2	GO TO Q.28.
Full time homemaker	3	GO TO Q.28.
Student	4	GO TO Q.28.
Other (SPECIFY)	5	GO TO Q.28.
Don't know	8	GO TO Q.28.
Refused	9	GO TO Q.28.

25. How many hours a week do you usually work?

ENTER NUMBER

Don't know	998
Refused	999

26. Did you give up (forgo) any income by taking the trip on (DATE) when you were initially interviewed?

Yes	1	GO TO Q.26a.
No	2	GO TO Q.27.
Don't know	8	GO TO Q.27.
Refused	9	GO TO Q.27.

26a. How much income did you give up (forgo) to take this trip?

ENTER NUMBER

Don't know	998
Refused	999

27. How much is your hourly wage or, if you are not paid an hourly wage, how much is your personal current annual salary (or income if self-employed)?

ENTER HOURLY WAGE

FORMAT: \$ _ _ . _ _

ENTER ANNUAL SALARY/INCOME

FORMAT: \$ _ _ , _ _ . 00

Don't know	998
Refused	999

28. Is your total annual household income before taxes over or under \$45,000?

IF OVER -> And is it over or under \$60,000?
IF OVER -> And is it over or under \$75,000?
IF OVER -> And is it over or under \$100,000?
IF OVER -> And is it over or under \$125,000?
IF OVER -> And is it over or under \$150,000?
IF OVER -> And is it over or under \$175,000?

IF UNDER -> And is it over or under \$35,000?
IF UNDER -> And is it over or under \$25,000?
IF UNDER -> And is it over or under \$15,000?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	10
\$125,001 to \$150,000	11
\$150,001 to \$175,000	12
Greater than \$175,000	13
Don't know	8

Refused

9

*****SHORT FORM*****

**1997 Southeast Add-On Intercept Follow-Up Telephone Interview Instrument
TO BE GIVEN TO ANGLERS PREVIOUSLY RECEIVING THE ECONOMIC ADD-ON AND FOLLOW-UP.**

Telephone Follow-up To Intercept Survey Instrument

INTRODUCTION

"Hello, this is _____ calling from QuanTech in Rosslyn, Virginia. You recently spoke with one of our field staff members during your fishing trip in (STATE) on (DATE OF TRIP). We are calling now with a follow-up to that survey to collect more detailed information that could not be collected in the field. Your answers will be kept confidential." **DO NOT ASK IF THIS IS CORRECT BUT BE PREPARED FOR NEGATIVE RESPONSE AND CODE AS FOLLOWS:**

Was not interviewed/did not		
volunteer for interview	9	THANK AND TERMINATE

APPLY VERSIONS 1 (ANGLERS WHO DESIGNATED A TARGET SPECIES ON BASE MRFSS) AND 2 (ANGLERS WHO DID NOT DESIGNATE A TARGET SPECIES ON BASE MRFSS) OF QUESTIONS 1-2, AS APPROPRIATE.

VERSION 1: (ANGLERS WHO DESIGNATED A TARGET SPECIES ON BASE MRFSS).

***1. INTRODUCTION:** On the day that you were interviewed you stated that you were fishing from (MODE, Q.11. MRFSS) and that you targeted (PRIM1, Q.14. MRFSS) on that trip.

(NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW) On how many days during the past two months, including the day you were interviewed, have you gone saltwater fishing?

ENTER NUMBER		(>=1)	GO TO Q.1a.
Don't know/remember	998		GO TO Q.2.
Refused	999		GO TO Q.2.

***1a.** On how many days did you fish from (MODE, Q.11. MRFSS)?

ENTER NUMBER		(<=Q.1. RESPONSE)	GO TO Q.1b.
Don't know/remember	998		GO TO Q.2.
Refused	999		GO TO Q.2.

***1b.** On how many days fishing from (MODE, Q.11. MRFSS) did you target (PRIM1, Q.14. MRFSS)?

ENTER NUMBER		(<=Q.1a. RESPONSE)
Don't know/remember	998	
Refused	999	

***2.** Now we're only interested in the trips during the past two months **(NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW)** when you fished at or launched from (SITE), including the day you were interviewed. On how many days within the past 2 months did you fish at or launch from (SITE)?

ENTER NUMBER		(>=0)	IF Q.1=Q.1b.=Q.2., THEN AUTO-INSERT RESPONSE TO Q.2. INTO Q.2a. & Q.2b.
Don't know/remember	998		
Refused	999		

***2a.** (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) And of those days you fished at or launched from (SITE), on how many of those days did you fish from (MODE, Q.11. MRFSS).

ENTER NUMBER		(=<Q.2. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2a.=Q.2.)
Don't know/remember	998	
Refused	999	

*2b. (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) Finally, on how many of those days at (SITE) fishing from (MODE, Q.11. MRFSS) did you target (PRIM1, Q.14. MRFSS)?

ENTER NUMBER		(=<Q.2a. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2b.=Q.2a.=Q.2.)
Don't know/remember	998	
Refused	999	

VERSION 2: (ANGLERS WHO DID NOT DESIGNATE A TARGET SPECIES ON BASE MRFSS).

*1. **INTRODUCTION:** On the day that you were interviewed you stated that you were fishing from (MODE, Q.11. MRFSS) and that you did not target any particular species on that trip.

(NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW) On how many days during the past two months, including the day you were interviewed, have you gone saltwater fishing?

ENTER NUMBER		(>=1)	GO TO Q.1a.
Don't know/remember	998		GO TO Q.2.
Refused	999		GO TO Q.2.

*1a. On how many days did you fish from (MODE, Q.11. MRFSS)?

ENTER NUMBER		(=<Q.1. RESPONSE) GO TO Q.1b.
Don't know/remember	998	GO TO Q.2.
Refused	999	GO TO Q.2.

*1b. On how many days from this (MODE, Q.11. MRFSS) did you fish without targeting any particular species?

ENTER NUMBER		(=<Q.1a. RESPONSE)
Don't know/remember	998	
Refused	999	

*2. Now we're only interested in the trips during the past two months (NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW) when you fished at or launched from (SITE), including the day you were interviewed. On how many days within the past 2 months did you fish at or launch from (SITE)?

ENTER NUMBER		(>=0)	IF Q.1=Q.1b.=Q.2., THEN AUTO- INSERT RESPONSE TO Q.2. INTO Q.2a. & Q.2b.
Don't know/remember	998		GO TO Q.3.
Refused	999		GO TO Q.3.

*2a. (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) And of those days you fished at or launched from (SITE), on how many of those days did you fish from (MODE, Q.11. MRFSS).

ENTER NUMBER		(=<Q.2. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2a.=Q.2.)
Don't know/remember	998	GO TO Q.3.
Refused	999	GO TO Q.3.

*2b. (IF Q.1.=Q.1b.=Q.2., AUTO-INSERT RESPONSE=Q.2a. & SKIP) Finally, on how many of those days at (SITE) fishing from (MODE, Q.11. MRFSS) did you fish without targeting any particular species?

ENTER NUMBER	(=<Q.2a. RESPONSE; IF Q.1.=Q.1b NE Q.2, THEN Q.2b.=Q.2a.=Q.2.)
Don't know/remember	998
Refused	999

3. How many overnight trips did you take during the past 2 months on which you went saltwater fishing (NOTE: THE TIME OF REFERENCE IS TWO MONTHS FROM THE DAY OF THE PHONE INTERVIEW)?

ENTER NUMBER	(=<Q.1.)
Don't know	998
Refused	999

*4. (IF FISHED FROM PARTY/CHARTER OR RENTAL BOAT) How much did you, personally, spend on boat fees for the trip on (DATE) when you were initially interviewed?

ENTER AMOUNT	FORMAT: \$ _ _ _ .00
Don't know	9998
Refused	9999

5. Do you or does anyone living in your household own a boat that is ever used for marine recreational fishing?

Yes	1	GO TO Q.5a.
No	2	GO TO Q.6.
Don't know	8	GO TO Q.6.
Refused	9	GO TO Q.6.

5a. In what county and state is the boat stored? (IF MORE THAN ONE BOAT, ASK ABOUT PRIMARY FISHING BOAT.)

ENTER ST AND COUNTY CODE	GO TO Q.5b.
Don't know	998 GO TO Q.5b.
Refused	999 GO TO Q.5b.

5b. What is the length of that boat?

Less than 10 feet	1
10 to 14 feet	2
15 to 19 feet	3
20 to 24 feet	4
25 to 29 feet	5
30 to 39 feet	6
40 feet or more	7
Don't know	8
Refused	9

6. (ASK ONLY IF STATE IS AL, FL, LA, MS or SC) Do you have a current saltwater fishing license?

Yes	1
No	2
Refused	9

7. Have you ever observed an enforcement officer inspect licenses or catch?

Yes	1
No	2
Refused	9

INTRODUCTION: "These final questions are for statistical purposes and help us to be sure we've spoken with a random sample of anglers. I appreciate your cooperation."

8. Has your employment situation changed since the last time you were interviewed?.

Yes	1	
No	2	GO TO Q.11.
Don't Know	8	
Refused	9	

*9. Are you, personally, employed? This includes self-employment.

Yes	1	GO TO Q.9a.
No	2	GO TO Q.9b.
Don't know	8	GO TO Q.10.
Refused	9	GO TO Q.10.

*9a. Are you employed part-time or full-time?

Part-time	1	GO TO Q.10.
Full-time	2	GO TO Q.10.
Don't know	8	GO TO Q.10.
Refused	9	GO TO Q.10.

*9b. Which of the following reasons best explains your unemployed status?

Looking for employment	1	GO TO Q.13.
Retired	2	GO TO Q.13.
Full time homemaker	3	GO TO Q.13.
Student	4	GO TO Q.13.
Other (SPECIFY)	5	GO TO Q.13.
Don't know	8	GO TO Q.13.
Refused	9	GO TO Q.13.

10. How many hours a week do you usually work?

ENTER NUMBER

Don't know	998
Refused	999

11. Did you give up (forgo) any income by taking the trip on (**DATE**) when you were initially interviewed?

Yes	1	GO TO Q.11a.
No	2	GO TO Q.12.
Don't know	8	GO TO Q.12.
Refused	9	GO TO Q.12.

11a. How much income did you give up (forgo) to take this trip?

ENTER NUMBER

Don't know	998
Refused	999

12. **SKIP IF RESPONSE TO Q.8. IS CODE "2" ("NO").** How much is your hourly wage or, if you are not paid an hourly wage, how much is your personal current annual salary (or income if self-employed)?

ENTER HOURLY WAGE

ENTER ANNUAL SALARY/INCOME

Don't know	998
Refused	999

FORMAT: \$ _ _ . _ _

FORMAT: \$ _ _ , _ _ .00

13. **SKIP IF RESPONSE TO Q.8. IS CODE "2" ("NO").** Is your total annual household income before taxes over or under \$45,000?

IF OVER -> And is it over or under \$60,000?
IF OVER -> And is it over or under \$75,000?
IF OVER -> And is it over or under \$100,000?
IF OVER -> And is it over or under \$125,000?
IF OVER -> And is it over or under \$150,000?
IF OVER -> And is it over or under \$175,000?

IF UNDER -> And is it over or under \$35,000?
IF UNDER -> And is it over or under \$25,000?
IF UNDER -> And is it over or under \$15,000?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	10
\$125,001 to \$150,000	11
\$150,001 to \$175,000	12
Greater than \$175,000	13
Don't know	8
Refused	9

Attachment B.B.3
1997 Southeast Add-On Economic Telephone Interview
Version A

* = Key Question

IF CATEGORY 1 (NO ONE IN HOUSEHOLD FISHES), THANK RESPONDENT AND TERMINATE INTERVIEW.

IF CATEGORY 2 (FISHED BUT NOT IN LAST 12 MONTHS) OR 3 (FISHED IN LAST YEAR BUT NOT IN LAST 2 MONTHS), START WITH PART 1.

IF CATEGORY 4 (FISHED IN LAST 2 MONTHS), GO TO VERSION B.

Part I. Angler Screening

IF CATEGORY 3 (FISHED IN LAST YEAR BUT NOT IN LAST 2 MONTHS), GO TO SCREENING QUESTION 2.

1. Are you (the angler/one of the anglers) who goes saltwater fishing but has not within the past 12 months?
Yes GO TO PART II.
No May I speak with that angler/one of those anglers? IF SUCCESSFUL, GO TO INTRODUCTION FOR NEW RESPONDENT.
2. Are you (the angler/one of the anglers) who goes saltwater fishing but has not within the past 2 months?
Yes GO TO PART II.
No May I speak with that angler/one of those anglers?

(IF DESIRED ANGLER IS NOT IMMEDIATELY AVAILABLE, THANK RESPONDENT AND TERMINATE)

Part II. Economic Questionnaire

(IF INTERVIEWER IS NOT CERTAIN RESPONDENT IS AT LEAST 16 YEARS OF AGE, SIMPLY ASK RESPONDENT IF HE/SHE IS AT LEAST 16 YEARS OF AGE. IF < 16 YEARS OF AGE, THEN TERMINATE AND THANK RESPONDENT.)

(INTRODUCTION FOR NEW RESPONDENT)

Hello, I'm conducting a survey on saltwater sport anglers for the National Marine Fisheries Service. We are collecting socio-demographic information on saltwater sport anglers. This survey is being conducted in accordance with the Privacy Act of 1974, therefore you are not obligated to answer any question if you find it to be an invasion of your privacy. I understand that you participate in saltwater fishing, but you have not done so within the past (2 or 12) months.

Is this correct? Yes GO TO PART II.
No When was the last time you went saltwater sportfishing? IF WITHIN 2 MONTHS, GO TO VERSION B OF THE ECONOMIC QUESTIONNAIRE. IF NEVER, THANK RESPONDENT AND TERMINATE.

*1. What is the primary reason why you have not gone saltwater fishing within the past (INSERT 2/12 AS APPROPRIATE) months? (NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING THE FOLLOWING CATEGORIES, AND CODE ACCORDINGLY. IF MULTIPLE RESPONSES ARE GIVEN, THE INTERVIEWER MUST PROBE FOR THE PRIMARY REASON.)

- 1 Management/restrictive regulations
- 2 Declining catch
- 3 Target species out of season/do not usually fish then
(NOTE: THIS OPTION ONLY APPLIES TO 2-MONTH INACTIVITY)
- 4 Poor weather conditions
- 5 Personal (health, financial)
- 6 Time constraint
- 7 Quit fishing/changed choice of recreational behavior
- 8 Other (SPECIFY)
- 9 Don't know
- 10 Refused

***FOR QUESTIONS 2-4, RANDOMLY INSERT THE FOLLOWING SPECIES, BY SUBREGION, MAINTAINING THE SAME SPECIES FOR ALL 3 QUESTIONS FOR AN INDIVIDUAL INTERVIEW:

GULF OF MEXICO

RED DRUM
SPOTTED SEATRUT
KING MACKEREL
SPANISH MACKEREL
RED SNAPPER
GAG
RED GROUPER (FLORIDA ONLY)
COBIA

SOUTH ATLANTIC

RED DRUM
SPOTTED SEATRUT
KING MACKEREL
SPANISH MACKEREL
DOLPHIN
GAG

2. Have the regulations on recreational fishing for (SPECIES) in the last 2 years caused you to change the number of days you normally fish per year?

Yes	1	GO TO Q.2a.
No	2	GO TO Q.3.
Don't know	8	GO TO Q.3.
Refused	9	GO TO Q.3.

2a. Have the regulations on (Q.2. SPECIES) caused you to increase or decrease the number of days you normally fish per year?

Increase	1	GO TO Q.2b.
Decrease	2	GO TO Q.2c.

2b. How many more days per year do you fish as a result of (Q.2. SPECIES) regulations?

ENTER NUMBER		(≤365)	GO TO Q.3.
Don't know	8	GO TO Q.3.	
Refused	9	GO TO Q.3.	

2c. How many fewer days per year do you fish as a result of (Q.2. SPECIES) regulations?

ENTER NUMBER		(≤365)
Don't know	8	
Refused	9	

3. Has the change in catch rate for (Q.2. SPECIES) in the last 2 years caused you to change the number of days you normally fish per year?

Yes	1	GO TO Q.3a.
No	2	GO TO Q.4.
Don't know	8	GO TO Q.4.
Refused	9	GO TO Q.4.

3a. Has the change in catch rate of (Q.2. SPECIES) caused you to increase or decrease the number of days you normally fish per year?

Increase	1	GO TO Q.3b.
Decrease	2	GO TO Q.3c.

3b. How many more days per year do you fish as a result of the change in the (Q.2. SPECIES) catch rate?

ENTER NUMBER	(=<365)	GO TO Q.4.
Don't know	8	GO TO Q.4.
Refused	9	GO TO Q.4.

3c. How many fewer days per year do you fish as a result of the change in the (Q.2. SPECIES) catch rate?

ENTER NUMBER	(=<365)
Don't know	8
Refused	9

4. Has the change in catch rate or management of (Q.2. SPECIES) in the last 2 years caused you to target any new species?

Yes	1	GO TO Q.4a.
No	2	GO TO Q.5.
Don't know	8	GO TO Q.5.
Refused	9	GO TO Q.5.

4a. What new species do you now target? ("ANYTHING" IS A VALID RESPONSE)

ENTER SPECIES CODE	
Refused	999

5. For the species you generally target, do you typically expect to catch and keep the legal bag limit?

Yes	1
No	2
Don't target	3
Don't know	8
Refused	9

6. Have you or any other angler you observed ever had an enforcement officer inspect licenses or catch?

Yes	1
No	2
Don't know	8
Refused	9

7. Do you or does anyone in your household own a boat that is ever used for marine recreational fishing?

Yes	1
No	2
Don't know	8
Refused	9

INTRODUCTION: "These final questions are for statistical purposes and help us to be sure we've spoken with a random sample of anglers. I appreciate your cooperation."

8. What year were you born? (IF RESPONDENT HESITATES, QUICKLY GO TO Q.8a.)

ENTER YEAR		GO TO Q.9.
Don't know	8	GO TO Q.8a.
Refused	9	GO TO Q.8a.

8a. That is, in which of the following age groups do you belong?

16 to 25	1	26 to 35	2
36 to 45	3	46 to 55	4
56 to 64	5	65 and over	6
Don't know	8	Refused	9

9. Code Gender:

Male	1
Female	2

IF UNCERTAIN, SIMPLY ASK 'WHAT IS YOUR GENDER?'

10. What is your race?

White	1
Black	2
Asian	3
American Indian	4
Other (SPECIFY)	5
Don't know	8
Refused	9

11. Are you of Spanish/Hispanic origin or descent?

Yes	1	GO TO Q.11a.
No	2	GO TO Q.12.
Don't know	8	GO TO Q.12.
Refused	9	GO TO Q.12.

11a. What group best describes your Spanish/Hispanic origin?

Mexican/Mexican American	1
Cuban	2
Puerto Rican	3
Other (SPECIFY)	4
Don't know	8
Refused	9

*12. Are you, personally, employed? This includes self-employment.

Yes	1	GO TO Q.12a.
No	2	GO TO Q.12b.
Don't know	8	GO TO Q.13.
Refused	9	GO TO Q.13.

*12a. Are you employed part-time or full-time?

Part-time	1	GO TO Q.13.
Full-time	2	GO TO Q.13.
Don't know	8	GO TO Q.13.
Refused	9	GO TO Q.13.

*12b. Which of the following reasons best explains your unemployed status?

Looking for employment	1
Retired	2
Full time homemaker	3
Student	4
Other (SPECIFY)	5
Don't know	8
Refused	9

*13. Is your total annual household income before taxes over or under \$45,000?

IF OVER -> And is it over or under \$60,000?
IF OVER -> And is it over or under \$75,000?
IF OVER -> And is it over or under \$100,000?
IF OVER -> And is it over or under \$125,000?
IF OVER -> And is it over or under \$150,000?
IF OVER -> And is it over or under \$175,000?

IF UNDER -> And is it over or under \$35,000?
IF UNDER -> And is it over or under \$25,000?
IF UNDER -> And is it over or under \$15,000?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	10
\$125,001 to \$150,000	11
\$150,001 to \$175,000	12
Greater than \$175,000	13
Don't know	8
Refused	9

Version B

FOR CATEGORY 4 RESPONDENTS.

TO BE GIVEN TO ACTIVE ANGLERS ONLY

QUESTION 1 SHALL BE ASKED FOR EACH TRIP FOLLOWING THE TRIP MODE QUESTION ON MRFSS TELEPHONE FISHERMAN QUESTIONNAIRE.

*1. Thinking about your trip on (DATE AS DETERMINED FROM BASE PHONE SURVEY), were you fishing for any particular species on that trip? (ACCEPT ONLY 2 TARGET SPECIES. ENTER EITHER TARGET SPECIES CODE OR NO/REFUSED CODES.)

Yes	What species?	1st Target	ENTER SPECIES CODE
		2nd Target	ENTER SPECIES CODE
No	2		
Refused	9		

DO NOT PROMPT FOR A SECOND SPECIES IF ONLY ONE SPECIES IS MENTIONED OR "ANYTHING/DIDN'T TARGET" IS THE RESPONSE. "ANYTHING" IS A VALID RESPONSE FOR EITHER TARGET SPECIES.

QUESTIONS 2-10 WILL BE ASKED AT THE END OF THE ROUTINE MRFSS TELEPHONE TRIP QUESTIONS

INTRODUCTION: "Now, we have a few more general questions about your fishing activity and some questions for statistical purposes to help us be sure we've spoken with a random sample of anglers. I appreciate your cooperation."

2. Including the trips we have already discussed, how many days did you saltwater fish within the past 12 months?

ENTER NUMBER	(<=365)
Don't know	8
Refused	9

3. VERSION 1. ASK IF ANGLER TARGETED A SPECIFIC SPECIES. On how many of those _____ (INSERT Q.2. NUMBER OF DAYS) days did you target (INSERT 1ST TARGET SPECIES TO MOST RECENT TRIP DISCUSSED IN Q.1.)?

ENTER NUMBER	(<=Q.2. RESPONSE)
Don't know	8
Refused	9

3. VERSION 2. ASK IF ANGLER DID NOT TARGET A SPECIFIC SPECIES. On how many of those _____ (INSERT Q.2. NUMBER OF DAYS) days did you not target any particular species?

ENTER NUMBER	(<=Q.2. RESPONSE)
Don't know	8
Refused	9

*4. If the sale of recreationally caught fish were prohibited, would you:

Keep fishing because you don't sell your fish	1
Keep fishing for the same species and not sell your catch	2
Keep fishing, but change your target species	3
Stop fishing altogether	4
Don't know	8
Refused	9

5. Do you or does anyone in your household own a boat that is ever used for saltwater recreational fishing?

Yes	1
No	2
Don't know	8
Refused	9

6. What year were you born? (IF RESPONDENT HESITATES, QUICKLY GO TO Q.6A.)

ENTER YEAR		GO TO Q.7.
Don't know	8	GO TO Q.6a.
Refused	9	GO TO Q.6a.

6a. That is, in which of the following age groups do you belong?

16 to 25	1	26 to 35	2
36 to 45	3	46 to 55	4
56 to 64	5	65 and over	6
Don't know	8	Refused	9

7. Code Gender:

Male	1
Female	2

IF UNCERTAIN, SIMPLY ASK 'WHAT IS YOUR GENDER?'

8. What is your race?

White	1
Black	2
Asian	3
American Indian	4
Other (SPECIFY)	5
Don't know	8
Refused	9

9. Are you of Spanish/Hispanic origin or descent?

Yes	1	GO TO Q.9a.
No	2	GO TO Q.10.
Don't know	8	GO TO Q.10.
Refused	9	GO TO Q.10.

9a. What group best describes your Spanish/Hispanic origin?

Mexican/Mexican American	1
Cuban	2
Puerto Rican	3
Other (SPECIFY)	4
Don't know	8
Refused	9

*10. Are you, personally, employed? This includes self-employment.

Yes	1	GO TO Q.10a.
No	2	GO TO Q.10b.
Don't know	8	GO TO Q.11.
Refused	9	GO TO Q.11.

*10a. Are you employed part-time or full-time?

Part-time	1	GO TO Q.11.
Full-time	2	GO TO Q.11.
Don't know	8	GO TO Q.11.
Refused	9	GO TO Q.11.

*10b. Which of the following reasons best explains your unemployed status?

Looking for employment	1
Retired	2
Full time homemaker	3
Student	4
Other (SPECIFY)	5
Don't know	8
Refused	9

*11. Is your total annual household income before taxes over or under \$45,000?

IF OVER -> And is it over or under \$60,000?
IF OVER -> And is it over or under \$75,000?
IF OVER -> And is it over or under \$100,000?
IF OVER -> And is it over or under \$125,000?
IF OVER -> And is it over or under \$150,000?
IF OVER -> And is it over or under \$175,000?

IF UNDER -> And is it over or under \$35,000?
IF UNDER -> And is it over or under \$25,000?
IF UNDER -> And is it over or under \$15,000?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	10
\$125,001 to \$150,000	11
\$150,001 to \$175,000	12
Greater than \$175,000	13
Don't know	8
Refused	9

ATTACHMENT B.C

1998 NORTHEAST SUPPLEMENTAL ECONOMIC SURVEY

Attachment B.C.1
1998 Northeast Add-On Economic Intercept Interview
(Proposed)

*** = Key Question**

(If interviewer is not certain respondent is at least 16 years of age, simply ask respondent if he/she is at least 16 years of age. If < 16 years of age, then terminate and thank respondent).

*1. Is this fishing trip part of a longer trip in which you will spend at least one night away from your permanent residence, or is this a one-day fishing trip?

One day	1	> Go to Q.5
(82% of trips in 1994)		
Longer	2	
Don't know	888	
Refused	999	

2. How many nights will you be away from your permanent residence on this trip?

	ENTER NUMBER
	(<=365)
Don't know	888
Refused	999

3. How many days of this trip will you go fishing?

	ENTER NUMBER
	(<=Q.2. Response)
Don't know	888
Refused	999

4. Would you have made this trip if you did not go fishing?

Yes	1
No	2
Don't know	888
Refused	999

*5. Counting today, within the last 2 months, how many days have you fished for (**Prim1**) from (**Mode_fx**) in this state? (If angler did not designate a target species then ask for number of days fished from mode_fx in this state)

	ENTER NUMBER	(Response must
	be >= 1) (If = 1 then Go to Q.7)	
Don't know	888	
Refused	999	

6. Did you fish at or launch from this city/town on all of those days?

Yes	1
No	2
Don't know	888
Refused	999

7. How would you rank your saltwater fishing ability for **(Prim1)** on a scale of 1 to 5 - 1 being a novice and 5 being an expert? (If angler did not designate a target species then drop reference to prim1)

ENTER NUMBER (Response must be between 1 and 5)

Don't know	888
Refused	999

8. Do you or does anyone living in your household own a boat that is ever used for marine recreational fishing?

Yes	1
No	2
Don't Know	888
Refused	999

*9. How much did you, personally, spend on bait, tackle, food, and ice for this trip? Please do not include charter/guide services and boat rental fees.

ENTER AMOUNT
Format: \$ _ _ _ .00

Don't know	888
Refused	999

*10. Did you take time off from work without pay in order to make this fishing trip?

Yes	1		
No	2		>Go to Q.12
Don't Know	888		
Refused	999		

*11. About how much income, if any, did you give up in order to make this trip (**Show income card used in Maine Pilot Study**)?

ENTER CATEGORY

Don't Know	888
Refused	999

*12. I appreciate your time for this interview. There is another part to this survey that involves a short follow-up interview by telephone. Would you be willing to participate in this follow-up survey?

Yes	1
Don't Know	888

Refused

999

If angler did not release name and/or phone number during MRFSS portion of the survey (Q.2?. MRFSS), state: To participate, may I have your name and a phone number?

Thank you for your time!

Attachment B.C.2
1998 Northeast Add-On Intercept Follow-Up Telephone Interview
(Proposed)

* = Key Question

INTRODUCTION

Hello, may I speak with _____ (If respondent is not available, ask for best time to call back).

“Hello, this is _____ calling from QuanTech in Rosslyn, Virginia. You recently spoke with one of our field staff members during your fishing trip in (STATE) on (DATE OF TRIP). We are calling now with a follow-up to that survey to collect more detailed information that could not be collected in the field. Your answers will be kept confidential.” **DO NOT ASK IF THIS IS CORRECT BUT BE PREPARED FOR NEGATIVE RESPONSE AND CODE AS FOLLOWS:**

Was not interviewed/did not
volunteer for interview 9 **THANK AND TERMINATE**

If the intercepted trip mode was party/charter then Go to Q.9.

*1. Have you taken any saltwater fishing trips since the day you were interviewed on Enter Date of Intercept Interview?

Yes	1	
No	2	> Go to Q. 9
Don't Know	888	> Go to Q. 9
Refused	999	> Go to Q. 9

2. Was your most recent saltwater fishing trip a:

Party/charter boat trip	1
Private or rental boat trip	2
Shore (beach, bank, jetty, pier) trip	3
Don't Know	
888	
Refused	999

3. On your most recent saltwater fishing trip were you fishing for any particular kinds of fish?

	No particular species/anything
	1
ENTER 1 st Target species id_num	
ENTER 2 nd Target species id_num	
	Don't Know
	888
	Refused
	999

4. In what state and town did you take your most recent saltwater fishing trip?

4a. ENTER State
(If unsure of spelling ask

4b. ENTER City/Town

Don't know
888
Don't know
888
respondent)
999
Refused
Refused 999

5. Was your most recent fishing trip part of a longer trip in which you spent at least one night away from your permanent residence, or was it a one-day fishing trip?

One day 1 >Go to Q.9.
Longer 2
Don't know 888
Refused 999

6. How many nights were you away from your current residence on your most recent trip?

ENTER NUMBER
(≤365)
Don't know 888
Refused 999

7. How many days of this trip were spent fishing?

ENTER NUMBER
(≤Q.6. Response)
Don't know 888
Refused 999

8. Would you have made this trip if you did not go fishing?

Yes 1
No 2
Don't know 888
Refused 999

Trip Expenditures

Now I would like to ask you some questions about expenses that you personally made on consumable items during your fishing trip.

If Q.1. = No, Don't Know or Refused, or intercepted trip mode was party/charter then insert " your intercepted trip"

Otherwise, insert “your most recent”

*9. On (Auto-insert) how much did you personally spend for

- 9a. Food, drink, and refreshments? \$
- 9b. Lodging at motels, cabins, lodges, or campgrounds? \$
- 9c. Public transportation, including airplane, train, bus, and car rental? \$
- 9d. Boat fuel? \$
- 9e.

Guide or
Package fees
(ie. fees for
party or charter
boats)? \$ _____

- 9f. Access and/or boat launching fees (ie. fees for access to pier, park, launch, etc)?
- 9g. Equipment rental such as boat, fishing or camping equipment? \$
- 9h. Bait (live, cut prepared)? \$
- 9i. Ice?

If Yes to boat ownership question on intercept survey ask Q.9.j. otherwise go to Q.10.

9j. On an annual basis, how much do you personally spend on mooring, storage, maintenance and insurance for your boat? \$

(If own more than one boat used for recreational fishing ask about primary fishing boat (i.e., we can only use information on one boat).

Fishing Equipment Purchases

Now, I would like to ask you about fishing equipment you bought or that was bought for you during the months of (Auto-Insert) months .

If intercept wave = 2 then insert “November through February”

If intercept wave = 3 then insert “March and April”

If intercept wave = 4 then insert “May and June”

If intercept wave = 5 then insert “July and August”

If intercept wave = 6 then insert “September and October”

*10. To the nearest dollar, what is the value of the following items that you bought during (Auto-Insert) months.

- 10a. Rods, poles, reels, and components for rod making? \$
- 10b. Lines? \$
- 10c. Tackle (lures, hooks, leaders, sinkers, flies and fly tying supplies)? \$
- 10d. Gear (tackle boxes, landing nets, bait containers, minnow seines, knives etc.)?
- 10e. Spear fishing equipment? \$

Other Items

Now, I would like to ask about your expenses for several items that you may have purchased during **(Auto-Insert) months corresponding to Q.10** that are **primarily** used for saltwater recreational fishing.

*How much did you spend on

- 11a. Camping equipment primarily used for saltwater recreational fishing (sleeping bags, packs, tents etc.)?
- 11b. Binoculars, field glasses etc.? \$
- 11c. Special fishing clothing, foul weather gear, boots, waders etc.? \$
- 11d. Processing and taxidermy fees? \$
- 11e. Magazine subscriptions devoted to recreational fishing? \$
- 11f. Dues of contributions to National, state or local recreational fishing clubs or organizations? \$
- 11g. Any other miscellaneous expense not listed elsewhere? \$

Boats and Durable Fishing Related Equipment

Now, I would like to ask about purchases that you may have made during the past **12-months** of new boats and other durable equipment that you use **primarily** for saltwater recreational fishing.

*How much did you spend on

- 12a. New motor boat (include total cost of hull, motor, trailer, and accessories)? \$
- 12b. Canoe or other non-motor boat? \$
- 12c. Boat motor, boat trailer/hitch, or other boat accessory \$
- 12d. Depth/fish finder or other electronic fishing devices? \$
- 12e. Vehicles used primarily for saltwater recreational fishing (pickup, camper, RV, motor home, etc.)? \$
- 12f. Cabin or second home used primarily for saltwater recreational fishing? \$

These final questions are for statistical purposes to help us be sure we've spoken with a random sample of anglers.

13. In which of the following age groups do you belong?

- | | |
|-------------|---|
| 65 and over | 1 |
| 55 to 64 | 2 |
| 45 to 54 | 3 |

14. What was the last grade of formal education which you have completed? **(IF RESPONDENT HESITATES, READ LISTED ALTERNATIVES)**

- | | |
|---------------------------------|---|
| Less than 9 th grade | |
| 9 th to | |
| 12 th grade | |
| (no diploma) | |
|) | 2 |

	High School Graduate	3	Don't know
Some college, no degree	4	Refused	9
Associates Degree	5		

15. Would you describe your ethnic background as:

	American Indian	3	White
	Asian		Black
		4	Don't Know
			Refused

If Q.15 = Hispanic then ask Q.16 otherwise go to Q.17.

16. Which group best describes your Hispanic origin?

	Asian	4	White
			Black
			American In

17. Code Gender:

Male	1
Female	2

If uncertain, simply ask "What is your gender?"

THANK RESPONDENT AND TERMINATE INTERVIEW

Attachment B.C.3
1998 Northeast Add-On Economic Telephone Interview
(Proposed)

*** = Key Question**

FOR CATEGORY 4 RESPONDENTS (2-MONTH ANGLER).

*****TO BE GIVEN TO ACTIVE ANGLERS AGE 16 AND OVER ONLY (only one per household)*****

QUESTION 1 SHALL BE ASKED FOR THE ANGLERS MOST RECENT FISHING TRIP FOLLOWING THE TRIP MODE QUESTION ON MRFSS TELEPHONE FISHERMAN QUESTIONNAIRE.

Questions 1-8 shall be asked for the most recent trip regardless of in-state or out-of-state trip (provided state of permanent residence and state of trip completion can be determined).

***1. Were you fishing for any particular kinds of fish on your most recent trip?**

ENTER 1 st Target species id_num	No particular species/anything	1
ENTER 2 nd Target species id_num	Don't Know	
	Refused	999

***2. Was that fishing trip part of a longer trip in which you spent at least one night away from your permanent residence, or was it a one-day fishing trip?**

One day	1	>Go to Q.6.
Longer	2	
Don't know	888	
Refused	999	

3. How many nights were you away from your current residence on that trip?

Enter Number	(<=365)
Don't know	888
Refused	999

4. How many days of that trip were spent fishing?

ENTER NUMBER	(<=Q.3.
Response)	
Don't know	888
Refused	999

5. Would you have made that trip if you did not go fishing?

Yes	1
No	2
Don't know	888
Refused	999

Trip Expenditures

Now I would like to ask you some questions about expenses that you personally made on consumable items during your most recent fishing trip.

*6. On your most recent fishing trip how much did you personally spend for

- 6a. Food, drink and refreshments? \$
- 6b. Lodging at motels, cabins, lodges, or campgrounds? \$
- 6c. Boat fuel? \$

7. Were all these expenditures made in (insert intercept state)?

Yes	1	Go to Q.8
No	2	
Don't Know	8	Go to Q. 8
Refused	9	Go to Q. 8

7a. What proportion of these expenditures were made in (insert intercept state)?

Enter Number (Must be < 100%)

Don't Know	888
Refused	999

Fishing Equipment Purchases

Now, I would like to ask you about fishing equipment you purchased during the months of (Auto-Insert) months.

If intercept wave = 2 then insert "November through February"

If intercept wave = 3 then insert "March and April"

If intercept wave = 4 then insert "May and June"

If intercept wave = 5 then insert "July and August"

If intercept wave = 6 then insert "September and October"

*8. To the nearest dollar, what is the value of the following items that you bought during **(Auto-Insert) months.**

- 8a. Rods, poles, reels, and components for rod making? \$
- 8b. Tackle (lures, hooks, leaders, sinkers, flies and fly tying supplies)? \$
- 8c. Lines? \$

9. Were all these expenditures made in **(insert intercept state)**?

Yes	1	Go to Q.10
No	2	
Don't Know	8	Go to Q.10
Refused	9	Go to Q.10

9a. What proportion of these expenditures were made in **(insert intercept state)**?

Enter Number (Must be < 100%)	
Don't Know	888
Refused	999

Fishing Related Equipment and Boats

Now, I would like to ask about your expenses for several items that you may have purchased during **(Auto-Insert months corresponding to Q.8.)** that are **primarily** used for saltwater recreational fishing.

*How much did you spend on

- 10a. Special fishing clothing, foul weather gear, boots, waders etc. \$
- 10b. Magazines subscriptions devoted to fishing? \$
- 10c. Dues or contributions to National, state or local recreational fishing clubs or organizations? \$

11. Were all these expenditures made in **(insert state of residence)**?

Yes	1	Go to Q.12
No	2	
Don't Know	8	Go to Q.12
Refused	9	Go to Q.12

11a. What proportion of these expenditures were made in **(insert state of residence)**?

Enter Number (Must be < 100%)	
Don't Know	888
Refused	999

Lastly, I would like to ask about purchases that you may have made during the past 12-months of new boats and other durable equipment that you use **primarily** for saltwater recreational fishing.

*How much did you spend on

- 12a. New Motor boats, (include total cost of hull, motor, trailer, and accessories)? \$
_____ 12b. Canoe or other non-motor boat? \$ _____
12c. Boat motor, boat trailer/hitch or other boat accessory? \$
12d. Depth/fish finder or other electronic fishing device? \$

13. Were all these expenditures made in **(insert state of residence)**?

Yes	1	=> Thank You
and Terminate		
No	2	
Don't Know	8	=> Thank You
and Terminate		
Refused	9	=> Thank You
and Terminate		

13a. What proportion of these expenditures were made in **(insert state of residence)**?

Enter Number (Must be < 100%)

Don't Know	888
Refused	999

Thank You and Terminate Interview!

ATTACHMENT B.D

1998 PACIFIC SUPPLEMENTAL ECONOMIC SURVEY

Attachment B.D.1
1998 Pacific Add-On Economic Intercept Interview
(Proposed)

*** = Key Question**

*1. Have you been, or will you be staying away from home for more than one day?

2. Is fishing the main purpose of your trip away from home?

*3. (Boats Only) What was the date and time of the boats departure for this fishing trip?

*4. About how many miles is it from here to any overnight lodging away from home for this fishing trip?
[If anglers lodging on night before the fishing trip differs from lodging on the night after, take the distance from the nearest of the two lodgings]

*5. How much did you personally spend for this fishing trip?

Gear & Bait: _____

Fishing License: _____

Boat Fuel & Launch Fees: [PR] _____

Boat Fee, Fillet Charges& Tips: [PC] _____

6. I appreciate your time. May we call you and include you in our follow-up survey?

[Obtain name and phone number]

Attachment B.D.2
1998 Pacific Add-On Intercept Follow-Up Telephone Interview
(Proposed)

*** = Key Question**

INTRODUCTION

"Hello, [RESPONDENT'S NAME]. This is _____ calling from _____. You recently spoke with one of our field staff members during your fishing trip in [STATE, MRFSS INTERCEPT] on [DATE, MRFSS INTERCEPT]. We are calling now with a follow-up to that survey to collect more detailed information that could not be collected in the field. Your answers will be kept confidential." **DO NOT ASK IF THIS IS CORRECT BUT BE PREPARED FOR NEGATIVE RESPONSE AND CODE AS FOLLOWS:**

Was not interviewed/did not
volunteer for interview 9 **THANK AND TERMINATE**

ASK VERSION 1a OF Q1-Q3 IF INTERCEPTED FISHING ACTIVITY WAS PART OF AN OVERNIGHT TRIP AWAY FROM HOME (I.E., IF RESPONSE TO [Q1.MRFSS INTERCEPT ADD-ON]="1"). ASK VERSION 1b IF INTERCEPTED FISHING WAS NOT PART OF OVERNIGHT TRIP (I.E., IF RESPONSE TO [Q1.MRFSS INTERCEPT ADD-ON] NE "1").

VERSION 1a OF Q1-Q3: OVERNIGHT TRIPS AWAY FROM HOME

1. When you were interviewed on [DATE, MRFSS INTERCEPT], you said that your fishing on that day was part of an overnight trip away from home. How many nights were you away from your home on that trip?

ENTER NUMBER OF NIGHTS

Don't know 98
Refused 99

1a. On how many days did you actually fish during that overnight trip away from your home?

ENTER NUMBER OF DAYS

Don't know 98
Refused 99

1b. How much did you personally spend on lodging for yourself and others during that overnight trip away from home?

ENTER AMOUNT (FORMAT: \$ _ _ - _)

Stayed with friends/relatives 99996
Someone else paid 99997
Don't know 99998
Refused 99999

1c. How many people, including yourself, were covered by your lodging expenditure?

ENTER NUMBER OF PEOPLE

Don't know 98
Refused 99

1d. Did you take time off from work without pay in order to make that overnight trip?

Yes 1
No 2 GO TO Q2.
Don't know 8 GO TO Q2.
Refused 9 GO TO Q2.

1e. About how much income, if any, did you give up in order to make that overnight trip?

ENTER AMOUNT (FORMAT: \$ _ _ _ _)

Don't know 99998
Refused 99999

2. Including the trip on which you were interviewed, how many overnight trips did you make in the past 2 months that involved fishing?

ENTER NUMBER OF OVERNIGHT TRIPS

Don't know 98
Refused 99

3. About how many one-day fishing trips did you make in the past 2 months?

ENTER NUMBER OF ONE-DAY TRIPS

Don't know 98
Refused 99

VERSION 1b of Q1-Q3: ONE-DAY FISHING TRIPS

1. Did you take time off from work without pay in order to go fishing on the date you were interviewed?

Yes 1
No 2 GO TO Q2.
Don't know 8 GO TO Q2.
Refused 9 GO TO Q2.

1a. About how much income, if any, did you give up in order to go fishing on that date?

ENTER AMOUNT (FORMAT: \$ _ _ _ _)

Don't know 99998
Refused 99999

2. About how many one-day fishing trips did you make in the past 2 months?

ENTER NUMBER OF ONE-DAY TRIPS

Don't know 98
Refused 99

3. Did you do any fishing in the past 2 months that involved an overnight stay away from home?

Yes 1
No 2 GO TO Q4.
Don't know 8 GO TO Q4.
Refused 9 GO TO Q4.

3a. About how many overnight trips did you make in the past 2 months that involved fishing?

ENTER NUMBER OF OVERNIGHT TRIPS

Don't know 98
Refused 99

VERSIONS Iia-Iie OF Q4-Q9 PERTAIN TO RESPONDENTS WHOSE INTERCEPTED TRIP OCCURRED IN U.S. WATERS, WHILE VERSIONS IIf-IIg PERTAIN TO RESPONDENTS WHOSE INTERCEPTED TRIP INVOLVED FISHING IN MEXICAN WATERS. EACH RESPONDENT IS ASKED ONLY ONE VERSION OF Q4-Q9. THE VERSION ASKED OF EACH RESPONDENT WILL DEPEND NOT ONLY ON THE AREA FISHED (U.S. VS MEXICO) BUT ALSO ON THE TARGET SPECIES FOR THE INTERCEPTED TRIP. THE FOLLOWING TABLE DESCRIBES WHICH PROPORTION OF THE SAMPLE ASSOCIATED WITH EACH TARGET SPECIES WILL BE ASSIGNED TO EACH VERSION OF Q4-Q9. "OTHER" IS DEFINED TO INCLUDE ALL INTERCEPTED TRIPS OTHER THAN THOSE TARGETED AT ANYTHING/SALMON/CHINOOK/COHO/ROCKFISH/OREGON BLACK ROCKFISH/CALIFORNIA BOCACCIO/HALIBUT/LINGCOD. FOR PURPOSES OF THE TABLE, NOTE THAT SOME VERSION Iic RESPONDENTS ARE ASKED Q6-Q7, WHILE OTHERS ARE ASKED Q8-Q9.

TRIPS IN U.S. WATERS:

VERSION	ANY THING	SALMON	CHINOOK	COHO	ORE ROCK FISH	BLACK ROCK	CALIF BOCACCIO	HALIBUT	LINGCOD	OTHER
Iia	100%									
Iib					33%	33%	33%	33%	33%	50%
Iic:		100%								
Q6-Q7			50%	33%						
Q8-Q9				33%						
IId			50%	34%	33%	33%	33%	33%	33%	50%
Iie					34%	34%	34%	34%	34%	

TRIPS TO MEXICAN WATERS:

VERSION YELLOWTL NON-YELLOWTL

IIf	50%	
IIg	50%	100%

VERSION IIf OF Q4-Q9: U.S. WATERS - 100% OF TRIPS TARGETED AT "ANYTHING"

4. When you were interviewed on [DATE, MRFSS INTERCEPT], you said that you were fishing for anything you could catch. On how many days in the past twelve months did you go fishing for anything you could catch?

ENTER NUMBER OF DAYS

Don't know	998
Refused	999

5. Even though you were fishing for anything you could catch on the date you were interviewed, was your satisfaction with that trip still affected by the species you caught?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

6. What species would you have most preferred to catch on that date?

ENTER SPECIES CODE

Don't know	998	GO TO Q10.
Refused	999	GO TO Q10.

7. If the fishery for [Q6.PREFSPEC] were closed coastwide for two weeks before and after the date you were interviewed, would you have still gone fishing on that date?

Yes	1	
No	2	GO TO Q8.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

7a. Would you have still fished on that date for anything you could catch?

Yes	1	GO TO Q7c.
No	2	
Don't know	8	GO TO Q7c.
Refused	9	GO TO Q7c.

7b. What species would you have targeted?

ENTER SPECIES CODE

Don't know	998
Refused	999

7c. Would you have still fished on that date in the county where you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

7d. In what county would you have fished?

ENTER COUNTY CODE

Don't know	998
Refused	999

GO TO Q10.

8. Would you have instead gone fishing on another date?

Yes	1	
No	2	GO TO Q9.
Don't know	8	GO TO Q9.
Refused	9	GO TO Q9.

8a. Would you have chosen an alternative date when the [Q6.PREFSPEC] fishery was open?

Yes	1	GO TO Q8c.
No	2	
Don't know	8	GO TO Q8c.
Refused	9	GO TO Q8c.

8b. What species would you have targeted on that alternative date?

ENTER SPECIES CODE

Don't know	998
Refused	999

8c. Would your fishing on that alternative date have occurred in the same county where you were interviewed?

Yes	1	GO TO Q9.
No	2	
Don't know	8	GO TO Q9.
Refused	9	GO TO Q9.

8d. In what county would you have fished?

ENTER COUNTY CODE

Don't know	998
Refused	999

9. Since closure of the [Q6.PREFSPEC] fishery would have discouraged you from fishing on the date you were interviewed, would you have done some type of non-fishing recreation on that date?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9a Would that non-fishing recreation have occurred in the same county as the one where you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9b. In what county would that recreation have occurred?

ENTER COUNTY CODE

Don't know	998
Refused	999

GO TO Q10.

VERSION Iib OF Q4-Q9: U.S. WATERS - 33% OF ROCKFISH, OREGON BLACK ROCKFISH, CALIFORNIA BOCACCIO, HALIBUT AND LINGCOD TRIPS AND 50% OF "OTHER" TRIPS

4. On the date you were interviewed, you said that you were fishing for [PRIM1, Q14, MRFSS INTERCEPT]. About how many days in the past twelve months did you fish for [PRIM1, Q14, MRFSS INTERCEPT]?

ENTER NUMBER OF DAYS

Don't know	998
Refused	999

5. If the fishery for [PRIM1, Q14, MRFSS INTERCEPT] were closed coastwide for two weeks before and after the date when you were interviewed, would you have still gone fishing on that date?

Yes	1	
No	2	GO TO Q8.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

6. What species would you have targeted instead of [PRIM1, Q14, MRFSS INTERCEPT] on that date?

ENTER SPECIES CODE

Don't know	998
Refused	999

7. Would your fishing on that date have occurred in the same county were you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

7a. In what county would you have fished?

ENTER COUNTY CODE

Don't know	998
Refused	999

GO TO Q10.

8. Would you have instead gone fishing on another date?

Yes	1	
No	2	GO TO Q9.
Don't know	8	GO TO Q9.
Refused	9	GO TO Q9.

8a. Would you have targeted [PRIM1, Q14, MRFSS INTERCEPT] on that alternative date?

Yes	1	GO TO Q8c.
No	2	
Don't know	8	GO TO Q8c.
Refused	9	GO TO Q9c.

8b. What species would you have targeted on that alternative date?

ENTER COUNTY CODE

Don't know	998
Refused	999

8c. Would your fishing on that alternative date have occurred in the same county where you were interviewed?

Yes	1	GO TO Q9.
No	2	
Don't know	8	GO TO Q9.
Refused	9	GO TO Q9.

8d. In what county would you have fished?

ENTER COUNTY CODE

Don't know	998
Refused	999

9. Since closure of the [PRIM1, Q14, MRFSS INTERCEPT] fishery would have discouraged you from fishing on the date you were interviewed, would you have done some type of non-fishing recreation on that date?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9a. Would that non-fishing recreation have occurred in the same county as the one where you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9b. In what county would that recreation have occurred?

ENTER COUNTY CODE

Don't know	998
Refused	999

GO TO Q10.

VERSION IIc OF Q4-Q9: U.S. WATERS - 100% OF SALMON TRIPS, 50% OF CHINOOK TRIPS AND 66% OF COHO TRIPS (33% FOR Q6-Q7 AND 33% FOR Q8-Q9)

IF [PRIM1, Q14, MRFSS INTERCEPT]="SALMON", GO TO Q4. IF [PRIM1, Q14, MRFSS INTERCEPT]="CHINOOK" OR "COHO", GO TO Q5.

4. When we interviewed you on [DATE, MRFSS INTERCEPT], you said you were fishing for salmon. Were you fishing for any particular type of salmon?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

4a. What type of salmon were you fishing for?

Chinook	1	CHANGE [PRIM1, Q14, MRFSS INTERCEPT] TO "CHINOOK"
Coho	2	CHANGE [PRIM1, Q14, MRFSS INTERCEPT] TO "COHO"
Other	3	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

5. About how many days in the past twelve months did you fish for [PRIM1, Q14, MRFSS INTERCEPT]?

ENTER NUMBER OF DAYS

Don't know	998
Refused	999

IF [PRIM1, Q14, MRFSS INTERCEPT] IS "CHINOOK", GO TO Q6. IF [PRIM1, Q14, MRFSS INTERCEPT] IS "COHO", ASSIGN HALF THE COHO RESPONDENTS TO Q6 AND THE OTHER HALF TO Q8.

6. Were you fishing for [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed because the [PRIM1, Q14, MRFSS INTERCEPT] fishery was closed on a date that you would have preferred?

Yes	1	
No	2	GO TO Q7.
Don't know	8	GO TO Q7.
Refused	9	GO TO Q7.

6a. Was your preferred date to fish for [PRIM1, Q14, MRFSS INTERCEPT] within three days of the date that you were interviewed?

Yes	1	GO TO Q7.
No	2	
Don't know	8	GO TO Q7.
Refused	9	GO TO Q7.

6b. Was your preferred date in the same month as the date you were interviewed?

Yes	1	GO TO Q7.
No	2	
Don't know	8	GO TO Q7.
Refused	9	GO TO Q7.

6c. In what month would you have preferred to fish for [PRIM1, Q14, MRFSS INTERCEPT]?

ENTER NUMBER FROM 1 TO 12 (Q6c RESPONSE NE [MONTH, MRFSS INTERCEPT])

Don't know 98
Refused 99

7. Were you fishing for [PRIM1, Q14, MRFSS INTERCEPT] at the place you were interviewed because the [PRIM1, Q14, MRFSS INTERCEPT] fishery was closed on that date at a place you would have preferred?

Yes 1
No 2 GO TO Q10.
Don't know 8 GO TO Q10.
Refused 9 GO TO Q10.

7a. Was your preferred location in the same county as where you were interviewed?

Yes 1 GO TO Q10.
No 2
Don't know 8 GO TO Q10.
Refused 9 GO TO Q10.

7b. In what county was your preferred location?

ENTER COUNTY CODE
Don't know 998
Refused 999

GO TO Q10.

8. Considering your coho fishing trips in the past twelve months, about how many coho on average did you catch per day?

ENTER NUMBER OF COHO PER DAY
Don't know 8
Refused 9

8a. Some coho are reared in the wild, while others are reared in hatcheries. Before hatchery coho are released, a fin on the back of the fish is sometimes clipped. This clipped fin helps distinguish hatchery coho from wild coho when they mingle in the ocean. Suppose that, in order to protect wild coho, you were allowed to keep only coho that had a clipped fin, and that there was a ____ in ____ probability of hooking a coho that you could keep [ALLOW INSERTED PROBABILITY TO TAKE A VALUE OF 1 IN 8, 1 IN 4, 1 IN 2, OR 3 IN 4--VARIED RANDOMLY AMONG RESPONDENTS]. Would you continue to go coho fishing?

Yes	1	
No	2	GO TO Q9b.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

8b. If you could keep only coho with a clipped fin and the probability of hooking a coho that you could keep was _____ in _____ (**SAME PROBABILITY AS Q8a**), would you extend the length of your coho fishing trips in order to try and reach the bag limit?

Yes	1
No	2
Don't know	8
Refused	9

9. If you could keep only coho with a clipped fin and the probability of hooking a coho that you could keep was _____ in _____ (**SAME PROBABILITY AS Q8a**), would the number of days that you spend coho fishing during the season increase, decrease or remain the same?

Increase	1	
Decrease	2	
Remain the same	3	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9a. By how many days would you increase/decrease your coho fishing during the season?

ENTER INCREASE/DECREASE IN NUMBER OF DAYS

Don't know	998
Refused	999

IF [Q9 RESPONSE]=1, GO TO Q10.

9b. Would you instead spend more time fishing for other species?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9c. How many more days would you spend fishing for other species?

ENTER INCREASE IN NUMBER OF DAYS

Don't know	998
Refused	999

9d. What species would you most likely be targeting?

ENTER SPECIES CODE

Don't know	998
Refused	999

GO TO Q10.

VERSION IID OF Q4-Q9: U.S. WATERS - 50% OF CHINOOK TRIPS, 34% OF COHO TRIPS, 33% OF ROCKFISH, OREGON BLACK ROCKFISH, CALIFORNIA BOUACCIO, HALIBUT AND LINGCOD TRIPS AND 50% OF TRIPS TARGETED AT "OTHER" SPECIES

4. When we interviewed you on [DATE, MRFSS INTERCEPT], you said you were fishing for [PRIM1, Q14, MRFSS INTERCEPT]. In the past twelve months, about how many days did you fish for [PRIM1, Q14, MRFSS INTERCEPT]?

ENTER NUMBER OF DAYS

Don't know	998
Refused	999

5. Were you fishing for [PRIM1, Q14, MRFSS INTERCEPT] rather than some other species on the date you were interviewed because you were dissatisfied with the regulations on the other species?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

6. What was the other species?

ENTER SPECIES CODE

Don't know	998
Refused	999

6a. What type of [Q6.PREFSPEC] regulation made you decide to fish for [PRIM1, Q14, MRFSS INTERCEPT] instead of [Q6.PREFSPEC] on the date you were interviewed? (NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN-ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING TO THE FOLLOWING CATEGORIES, AND CODE ACCORDINGLY. IF MULTIPLE RESPONSES ARE GIVEN, THE INTERVIEWER MUST PROBE FOR THE PRIMARY FACTOR.)

Closure of the		
[Q6.PREFSPEC] fishery	1	IF [Q6.PREFSPEC] = "CHINOOK" OR "COHO", GO TO Q7. OTHERWISE GO TO Q10.

Bag limit on [Q6.PREFSPEC]	2	IF [Q6.PREFSPEC] = "CHINOOK", "COHO", "ROCKFISH", "BLACK ROCKFISH" (OREGON ONLY), "BOCACCIO" (CALIF ONLY), "HALIBUT" OR "LINGCOD", GO TO Q8. OTHERWISE GO TO Q10.
Size limit on [Q6.PREFSPEC]	3	IF [Q6.PREFSPEC] = "CHINOOK", "COHO" OR "LINGCOD", GO TO Q9. OTHERWISE GO TO Q10.
Selective fishery regulations on [Q6.PREFSPEC].	4	GO TO Q10.
Other (SPECIFY).	5	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

7. If the [Q6.PREFSPEC] fishery was open on the date you were interviewed, would you have fished for [Q6.PREFSPEC] on that date in the same county where you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

7a. In what county would you have gone [Q6.PREFSPEC] fishing?

ENTER COUNTY CODE

Don't know	998
Refused	999

GO TO Q10.

8. Currently the bag limit for [Q6.PREFSPEC] in [STATE, MRFSS INTERCEPT] is _____ fish per day. If the [Q6.PREFSPEC] bag limit was [BAG LIMIT+1] fish per day, would you have fished for [Q6.PREFSPEC] instead of [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

8a. How about if the [Q6.PREFSPEC] bag limit was [BAG LIMIT+2] fish per day?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

8b. What value for the [Q6.PREFSPEC] bag limit would have induced you to fish for [Q6.PREFSPEC] instead of [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

ENTER NUMBER OF FISH PER DAY

Don't know	98
Refused	99

GO TO Q10.

9. Currently the minimum size limit for [Q6.PREFSPEC] in [STATE, MRFSS INTERCEPT] is _____ inches. If the [Q6.PREFSPEC] size limit was [SIZE LIMIT+1] inches, would you have fished for [Q6.PREFSPEC] instead of [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9a. How about if the [Q6.PREFSPEC] size limit was [SIZE LIMIT+2] inches?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9b. What value for the [Q6.PREFSPEC] size limit would have induced you to fish for [Q6.PREFSPEC] instead of [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

ENTER NUMBER OF INCHES

Don't know	98
Refused	99

GO TO Q10.

VERSION IIE OF Q4-Q9: U.S. WATERS - 34% OF ROCKFISH, OREGON BLACK ROCKFISH,
CALIFORNIA BOCACCIO, HALIBUT AND LINGCOD TRIPS

4. When we interviewed you on [DATE, MRFSS INTERCEPT], you said you were fishing for [PRIM1, Q14, MRFSS INTERCEPT]. In the past twelve months, about how many days did you fish for [PRIM1, Q14, MRFSS INTERCEPT]?

ENTER NUMBER OF DAYS

Don't know	998
Refused	999

5. Currently the bag limit for [PRIM1, Q14, MRFSS INTERCEPT] in [STATE, MRFSS INTERCEPT] is _____ fish per day. If the [PRIM1, Q14, MRFSS INTERCEPT] bag limit was changed to [BAG LIMIT-1] fish per day, would you have still fished for [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

Yes	1	
No	2	GO TO Q6.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

5a. Would you have still fished for [PRIM1, Q14, MRFSS INTERCEPT] if the bag limit was [BAG LIMIT-2] fish per day?

Yes	1	
No	2	GO TO Q6.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

5b. What would the [PRIM1, Q14, MRFSS INTERCEPT] bag limit have to have been to discourage you from fishing for [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

ENTER NUMBER OF FISH PER DAY

Don't know	98	IF [PRIM1, Q14, MRFSS INTERCEPT] IS "CHINOOK", "COHO" OR "LINGCOD", GO TO Q8. OTHERWISE GO TO Q10.
Refused	99	IF [PRIM1, Q14, MRFSS INTERCEPT] IS "CHINOOK", "COHO" OR "LINGCOD", GO TO Q8. OTHERWISE GO TO Q10.

6. Given that a lower bag limit would have discouraged you from fishing for [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed, would you have gone fishing for some other species instead?

Yes	1	
No	2	IF [PRIM1, Q14, MRFSS INTERCEPT] IS "CHINOOK", "COHO" OR "LINGCOD", GO TO Q8. OTHERWISE GO TO Q10.
Don't know	8	IF [PRIM1, Q14, MRFSS INTERCEPT] IS "CHINOOK", "COHO" OR "LINGCOD", GO TO Q8. OTHERWISE GO TO Q10.
Refused	9	IF [PRIM1, Q14, MRFSS INTERCEPT] IS "CHINOOK", "COHO" OR "LINGCOD", GO TO Q8. OTHERWISE GO TO Q10.

7. Would this alternative fishing have occurred on the same date as when you were interviewed?

Yes	1
No	2
Don't know	8
Refused	9

7a. Would this alternative fishing have occurred in the same county where you were interviewed?

Yes	1	GO TO Q7c.
No	2	
Don't know	8	
Refused	9	

7b. In what county would the alternative fishing have occurred?

ENTER COUNTY CODE

Don't know	998
Refused	999

7c. What species would you have targeted on the substitute trip?

ENTER SPECIES CODE

Don't know	998
Refused	999

IF [PRIM1, Q14, MRFSS INTERCEPT] IS "CHINOOK", "COHO" OR "LINGCOD", GO TO Q8. OTHERWISE GO TO Q10.

8. Currently the minimum size limit for [PRIM1, Q14, MRFSS INTERCEPT] in [STATE, MRFSS INTERCEPT] is ____ inches. If the [PRIM1, Q14, MRFSS INTERCEPT] size limit was changed to [SIZE LIMIT+1] inches, would you have still fished for [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

8a. Would you have still fished for [PRIM1, Q14, MRFSS INTERCEPT] if the size limit was [SIZE LIMIT+2] inches?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

8b. What would the [PRIM1, Q14, MRFSS INTERCEPT] size limit have to have been to discourage you from fishing for [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed?

ENTER NUMBER OF INCHES

Don't know 98
Refused 99

9. Given that a higher size limit would have discouraged you from fishing for [PRIM1, Q14, MRFSS INTERCEPT] on the date you were interviewed, would you have gone fishing for some other species instead?

Yes 1
No 2 GO TO Q8.
Don't know 8 GO TO Q10.
Refused 9 GO TO Q10.

9a. Would this alternative fishing have occurred on the same date as when you were interviewed?

Yes 1
No 2
Don't know 8
Refused 9

9b. Would this alternative fishing have occurred in the same county where you were interviewed?

Yes 1 GO TO Q9d.
No 2
Don't know 8 GO TO Q9d.
Refused 9 GO TO Q9d.

9c. In what county would the alternative fishing have occurred?

ENTER COUNTY CODE

Don't know 998
Refused 999

9d. What species would you have targeted?

ENTER SPECIES CODE

Don't know 998
Refused 999

GO TO Q10.

VERSION IIF OF Q4-Q9: MEXICAN WATERS - 50% OF YELLOWTAIL TRIPS

4. When we interviewed you on [DATE, MRFSS INTERCEPT], you said you were fishing for yellowtail. In the past twelve months, about how many days did you spend yellowtail fishing in Mexican waters from a boat departing from the U.S.?

ENTER NUMBER OF DAYS

Don't know 998
Refused 999

5. The current bag limit for yellowtail taken in Mexican waters is 5 fish per day. On the day you were interviewed, did you take the yellowtail bag limit?

Yes 1
No 2 GO TO Q6.
Don't know 8 GO TO Q6.
Refused 9 GO TO Q6.

5a. On that day, did you have to catch and release in order to stay within the yellowtail bag limit?

Yes 1
No 2
Don't know 8

Refused 9

6. Suppose that Mexico were to reduce the yellowtail bag limit from 5 to _____ fish per day [ALLOW HYPOTHETICAL BAG LIMIT TO TAKE A VALUE OF 2, 3 OR 4 FISH PER DAY--VARIED RANDOMLY AMONG RESPONDENTS]. Would you have still gone yellowtail fishing on the day you were interviewed?

Yes	1	
No	2	GO TO Q8.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

7. Why wouldn't this change in the yellowtail bag limit have affected your decision to go yellowtail fishing on the day you were interviewed?

You would have stayed within the bag limit by practicing catch and release	1
The lower bag limit would not have restricted your catch	2
Even though the lower limit would have restricted your catch, it would not have affected your satisfaction enough to discourage you from making the trip	3
Other (SPECIFY)	4
Don't know	8
Refused	9

GO TO Q10.

8. Would you have done some other kind of fishing instead?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

9. Would this other kind of fishing have occurred in U.S. or Mexican waters?

U.S. waters	1
Mexican waters	2
Don't know	8
Refused	9

9a. Would the fishing have occurred from a beach, pier, party/charter boat or private boat?

Beach	1
Pier	2
Party/charter boat	3
Private boat	4
Don't know	8
Refused	9

9b. What species would you have targeted?

ENTER SPECIES CODE	
Don't know	998
Refused	999

GO TO Q10.

VERSION IIq OF Q4-Q9: MEXICAN WATERS - 50% OF YELLOWTAIL TRIPS AND 100% OF NON-YELLOWTAIL TRIPS

IF [MODE, MRFSS INTERCEPT] IS "PARTY BOAT" OR "CHARTER BOAT", GO TO Q4. IF [MODE, MRFSS INTERCEPT] IS "PRIVATE BOAT", GO TO Q5.

4. When we interviewed you on [DATE, MRFSS INTERCEPT], you were fishing from a party/charter boat that had gone to Mexican waters. In the past twelve months,

about how many days did you spend fishing in Mexican waters from a party or charter boat departing from the U.S.?

ENTER NUMBER OF DAYS

Don't know	998
Refused	999

4a. Currently party and charter boat passengers are charged a license fee of \$6.50 per day to fish in Mexican waters. Suppose that Mexico were to increase the license fee from \$6.50 to \$_____ **[ALLOW HYPOTHETICAL LICENSE FEE TO TAKE A VALUE OF \$9, \$11 OR \$13--VARIED RANDOMLY AMONG RESPONDENTS]**. Would you have gone party charter boat fishing in Mexico anyway on the day you were interviewed?

Yes	1	GO TO Q10.
No	2	GO TO Q6.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

5. When we interviewed you on **[DATE, MRFSS INTERCEPT]**, you were fishing from a private boat that had gone to Mexican waters. In the past twelve months, about how many days did you spend fishing in Mexican waters from a private boat departing from the U.S.?

ENTER NUMBER OF DAYS

Don't know	998
Refused	999

5a. For your fishing in Mexican waters on the day you were interviewed, did you have a weekly, monthly or annual Mexican license?

Weekly	1	
Monthly	2	
Annual	3	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

5b. Suppose that the price of a **[5a RESPONSE]** license were to increase by _____% **[ALLOW HYPOTHETICAL INCREASE IN LICENSE COST TO TAKE A VALUE OF 25%, 50%, 75% OR 100%--VARIED RANDOMLY AMONG RESPONDENTS]**. Would you have gone private boat fishing in Mexican waters anyway on the day you were interviewed?

Yes	1	GO TO Q10.
No	2	
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

6. Would you have done some other kind of fishing instead?

Yes	1	
No	2	GO TO Q10.
Don't know	8	GO TO Q10.
Refused	9	GO TO Q10.

7. Would this other kind of fishing have occurred in U.S. or Mexican waters?

U.S. waters	1
Mexican waters	2
Don't know	8
Refused	9

8. Would the fishing have occurred from a beach, pier, party charter boat or private boat?

Beach	1
Pier	2
Party charter boat	3
Private boat	4

Don't know	8
Refused	9

9. What species would you have targeted?

ENTER SPECIES CODE

Don't know	998
Refused	999

INTRODUCTION: "The next questions are to help us determine how much anglers spend per year on boats, equipment and licenses."

10. Do you own a boat used for saltwater sport fishing?

Yes	1	
No	2	GO TO Q11.
Don't know	8	GO TO Q11.
Refused	9	GO TO Q11.

10a. About what percentage of the time is that boat used for saltwater sport fishing?

ENTER PERCENTAGE FROM 1 TO 100

Don't know	998
Refused	999

10b. What is the length of that boat?

ENTER LENGTH IN FEET

Don't know	998
Refused	999

10c. In the past twelve months, about how much money did you personally spend on that boat in the following categories? (USE FORMAT: \$ _ _ _ _ . FOR EACH COST CATEGORY, IF "DON'T KNOW," ENTER 999998; IF "REFUSED," ENTER 999999.)

Replacement of equipment and electronics attached to boat	ENTER AMOUNT
Maintenance and repair	ENTER AMOUNT
Storage/slip fees	ENTER AMOUNT
License fees	ENTER AMOUNT
Insurance	ENTER AMOUNT
Taxes	ENTER AMOUNT
Other (SPECIFY)	ENTER AMOUNT
Don't know	999998
Refused	999999

11. In the past twelve months, about how much did you personally spend for yourself and others in the following categories? (USE FORMAT: \$ _ _ _ _ . FOR EACH COST CATEGORY, IF "DON'T KNOW," ENTER 999998; IF "REFUSED," ENTER 999999.)

Fishing gear and non-boat equipment (rods, reels, hooks, lines, etc.)	ENTER AMOUNT
Annual fishing licenses	ENTER AMOUNT
Don't know	99998
Refused	99999

11a. How many people, including yourself, were covered by your equipment and license expenditures?

ENTER NUMBER OF PEOPLE	
Don't know	98
Refused	99

INTRODUCTION: "These final questions are for statistical purposes to help us be sure we've spoken with a random sample of anglers. I appreciate your cooperation."

12. How many years of saltwater sportfishing experience do you have?

ENTER NUMBER OF YEARS	
Don't know	98
Refused	99

13. How would you rank your saltwater fishing ability on a scale of 1 to 5--1 being a novice and 5 being an expert?

ENTER NUMBER (>=1,<=5)	
Don't know	8
Refused	9

14. In what year were you born? (IF RESPONDENT HESITATES, QUICKLY GO TO Q14a.)

ENTER YEAR		GO TO Q15.
Don't know	98	GO TO Q15.
Refused	99	GO TO Q15.

14a. That is, in which of the following age groups do you belong?

16 to 25	1
26 to 35	2
36 to 45	3
46 to 55	4
56 to 65	5
66 and over	6
Don't know	8
Refused	9

15. How many people, including yourself, live in your household?

ENTER NUMBER OF PEOPLE

Don't know 98
Refused 99

15a. How many of these household members are under the age of 16?

ENTER NUMBER OF PEOPLE (<=Q15 RESPONSE)

Don't know 98
Refused 99

16. What is your ethnic background?

Non-Hispanic White 1
Hispanic White 2
Black 3
Asian 4
American Indian 5
Other (**SPECIFY**) 6
Don't know 8
Refused 9

17. What is the highest level of education you've attained?

< 12 years 1
High school graduate or GRE 2
Some college or technical/trade school 3
2-year college degree 4
4-year college degree 5
Postgraduate degree 6
Don't know 8
Refused 9

18. Which of the following best describes your employment status?

1 Employed full-time (including self-employment)
2 Employed part-time (including self-employment)
3 Retired **GO TO Q21.**
4 Full-time homemaker **GO TO Q21.**
5 Student **GO TO Q21.**
6 Other (**SPECIFY**) **GO TO Q21.**
8 Don't know **GO TO Q21.**
9 Refused **GO TO Q21.**

19. How many hours a week do you usually work?

ENTER NUMBER OF HOURS

Don't know 998
Refused 999

20. Do you receive a salary or are you paid by the hour?

Salaried
Paid by hour **GO TO Q20b.**
Don't know **GO TO Q21.**
Refused **GO TO Q21.**

20a. How much is your personal current annual salary (or income if self-employed) before taxes?

ENTER ANNUAL SALARY/INCOME (FORMAT: \$ _ _ _ _ _)

Don't know 999998
Refused 999999

GO TO Q21.

20b. How much is your hourly wage?

ENTER HOURLY WAGE (FORMAT: \$ _ _ . _ _)

Don't know 998.00

Refused 999.00

21. What is your total annual household income before taxes?

Less than \$15,000 1

\$15,001 to \$25,000 2

\$25,001 to \$35,000 3

\$35,001 to \$45,000 4

\$45,001 to \$60,000 5

\$60,001 to \$75,000 6

\$75,001 to \$100,000 7

\$100,001 to \$125,000 8

\$125,001 to \$150,000 9

\$150,001 to \$175,000 10

Greater than \$175,000 11

Don't know 98

Refused 99

21a. How many household members, including yourself, contribute to your household's income?

ENTER NUMBER OF PEOPLE (<=Q15 RESPONSE)

Don't know 98

Refused 99

THANK RESPONDENT AND TERMINATE INTERVIEW.

Attachment B.D.3
1998 Pacific Add-On Economic Telephone Interview
(Proposed)

*** = Key Question**

IF NO ONE IN THE HOUSEHOLD HAS EVER GONE SALTWATER FISHING, THANK RESPONDENT AND TERMINATE INTERVIEW.

ASK VERSION Ia OF Q1-Q5 OF SALTWATER ANGLERS WHO HAD NOT FISHED IN THE PAST 12 MONTHS, VERSION Ib OF SALWATER ANGLERS WHO HAD FISHED IN THE PAST 12 BUT NOT THE PAST 2 MONTHS, AND VERSION Ic OF SALTWATER ANGLERS WHO HAD FISHED IN THE PAST 2 MONTHS.

VERSION Ia: SALTWATER ANGLERS WHO HAD NOT FISHED IN THE PAST 12 MONTHS

(TO BE ASKED IF RESPONDENT ANSWERS "YES" TO [Q3, MRFSS TELEPHONE]
AND "NO" TO [Q5, MRFSS TELEPHONE])

1. Are you (the angler/one of the anglers) who has been saltwater fishing but has not fished within the past 12 months?

Yes	1	GO TO Q3.
No	2	
Don't know	8	
Refused	9	THANK RESPONDENT AND TERMINATE INTERVIEW.

1a. May I speak with that angler/one of those anglers?

IF SUCCESSFUL, GO TO Q2. IF DESIRED ANGLER IS NOT IMMEDIATELY AVAILABLE, THANK RESPONDENT AND TERMINATE.

2. WHEN ANGLING RESPONDENT GETS ON PHONE: IF INTERVIEWER IS NOT CERTAIN RESPONDENT IS AT LEAST 16 YEARS OF AGE, ASK RESPONDENT IF S/HE IS AT LEAST 16 YEARS OF AGE. IF < 16 YEARS OF AGE, THANK RESPONDENT AND TERMINATE INTERVIEW. OTHERWISE CONTINUE INTERVIEW.

Hello, I'm conducting a survey of saltwater sport anglers for the National Marine Fisheries Service. We are collecting socio-demographic information on saltwater sport anglers. This survey is being conducted in accordance with the Privacy Act of 1974. Therefore you are not obligated to answer any question if you find it to be an invasion of your privacy. I understand that you participate in saltwater fishing, but that you have not done so within the past 12 months. Is this correct?

Yes	1	GO TO Q3.
No	2	
Don't know	3	THANK RESPONDENT AND TERMINATE INTERVIEW
Refused	4	THANK RESPONDENT AND TERMINATE INTERVIEW

2a. When was the last time you went saltwater sportfishing?

<= 2 months ago	GO TO VERSION 1c OF Q1.
2-12 months ago	GO TO VERSION 1b OF Q3.
Never	THANK RESPONDENT AND TERMINATE INTERVIEW
Don't know	THANK RESPONDENT AND TERMINATE INTERVIEW
Refused	THANK RESPONDENT AND TERMINATE INTERVIEW

IF INTERVIEWER IS NOT CERTAIN RESPONDENT IS AT LEAST 16 YEARS OF AGE, ASK RESPONDENT IF S/HE IS AT LEAST 16 YEARS OF AGE. IF < 16 YEARS OF AGE, THANK RESPONDENT AND TERMINATE INTERVIEW. OTHERWISE CONTINUE INTERVIEW.

3. What was the last year in which you went saltwater sportfishing?

19 ____	
Don't know	98
Refused	99

4. Sometimes people take overnight trips away from home where they may fish for more than one day or may participate in other activities as well as fishing. Did any of your fishing in [Q3.YEAR] involve overnight trips of this type?

Yes	1	
No	2	GO TO Q4d.
Don't know	8	GO TO Q4d.
Refused	9	GO TO Q4d.

4a. About how many times did you take overnight trips of this type in [Q3.YEAR]?

ENTER NUMBER	
Don't know	998
Refused	999

4b. On average in [Q3.YEAR], about how many nights were you away from home per overnight trip?

ENTER NUMBER	
Don't know	998
Refused	999

4c. On average in [Q3.YEAR], about how many days per overnight trip did you actually fish?

ENTER NUMBER	
Don't know	998
Refused	999

4d. About how many one-day fishing trips did you make in [Q3.YEAR]?

ENTER NUMBER

Don't know	998
Refused	999

4e. Did you do most of your fishing in [Q3.YEAR] from a beach, pier, party/charter boat or private boat?

Beach	1
Pier	2
Party/charter boat	3
Private boat	4
Don't know	8
Refused	9

4f. What were the main species you targeted in [Q3.YEAR]? (ACCEPT A MAXIMUM OF 4 TARGET SPECIES; "ANYTHING" IS A VALID RESPONSE. IF ANGLER PROVIDES FEWER THAN 4 TARGET SPECIES AND DOES NOT INCLUDE "ANYTHING", THEN ASK "DO YOU EVER FISH WITHOUT ANY PARTICULAR TARGET IN MIND?" IF "YES", THEN ADD "ANYTHING" TO TARGET SPECIES LIST.)

Target species 1	ENTER SPECIES CODE
Target species 2	ENTER SPECIES CODE
Target species 3	ENTER SPECIES CODE
Target species 4	ENTER SPECIES CODE
Don't know	998
Refused	999

5. What is the primary reason you have not gone saltwater fishing since [Q3.YEAR]? (NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING THE FOLLOWING CATEGORIES, AND CODE ACCORDINGLY. IF MULTIPLE RESPONSES ARE GIVEN, THE INTERVIEWER MUST PROBE FOR THE PRIMARY REASON.)

1	Management/restrictive regulations	
2	Don't catch enough fish	
3	Concerned about low abundance of fish stocks	
4	Concerned about seafood safety	
5	Too many people	GO TO Q6.
6	Too expensive	GO TO Q6.
7	Too far to travel	GO TO Q6.
8	Personal reasons (health, less free time, etc.)	GO TO Q6.
9	Don't care much about fishing anyway/ enjoy fishing only on occasional basis	GO TO Q6.
10	Other (SPECIFY)	GO TO Q6.
98	Don't know	GO TO Q6.
99	Refused	GO TO Q6.

5a. Does your dissatisfaction pertain to any particular species?

Yes	1	
No	2	GO TO Q6.
Don't know	8	GO TO Q6.
Refused	9	GO TO Q6.

5b. What species?

ENTER SPECIES CODE

Don't know
Refused

GO TO Q6.

**VERSION Ib: SALTWATER ANGLERS WHO HAD FISHED IN THE PAST 12 MONTHS
BUT NOT IN THE PAST 2 MONTHS**

(TO BE ASKED IF RESPONSE TO [Q3, MRFSS TELEPHONE] > 0 AND RESPONSE TO [Q6, MRFSS TELEPHONE] OR [Q7, MRFSS TELEPHONE] = 0)

1. Are you (the angler/one of the anglers) who has gone saltwater fishing in the past 12 months but has not fished within the past 2 months?

Yes	1	GO TO Q3.
No	2	
Don't know	8	
Refused	9	THANK RESPONDENT AND TERMINATE INTERVIEW.

1a. May I speak with that angler/one of those anglers?

IF SUCCESSFUL, GO TO Q2. IF DESIRED ANGLER IS NOT IMMEDIATELY AVAILABLE, THANK RESPONDENT AND TERMINATE.

WHEN ANGLING RESPONDENT GETS ON PHONE: IF INTERVIEWER IS NOT CERTAIN RESPONDENT IS AT LEAST 16 YEARS OF AGE, ASK RESPONDENT IF S/HE IS AT LEAST 16 YEARS OF AGE. IF < 16 YEARS OF AGE, THEN THANK RESPONDENT AND TERMINATE INTERVIEW. OTHERWISE CONTINUE INTERVIEW.

2. Hello, I'm conducting a survey of saltwater sport anglers for the National Marine Fisheries Service. We are collecting socio-demographic information on saltwater sport anglers. This survey is being conducted in accordance with the Privacy Act of 1974. Therefore you are not obligated to answer any question if you find it to be an invasion of your privacy. I understand that you participated in saltwater fishing in the past 12 months but you have not gone fishing in the past 2 months. Is this correct?

Yes	1	GO TO Q3.
No	2	
Don't know	3	THANK RESPONDENT AND TERMINATE INTERVIEW.
Refused	4	THANK RESPONDENT AND TERMINATE INTERVIEW.

2a. When was the last time you went saltwater sportfishing?

<= 2 months ago	GO TO VERSION Ic OF Q1.
> 12 months ago	GO TO VERSION Ia OF Q3.
Never	THANK RESPONDENT AND TERMINATE INTERVIEW.

3. Sometimes people take overnight trips away from home where they may fish for more than one day or may participate in other activities besides fishing. Did any of your fishing in the past 12 months involve overnight trips of this type?

Yes	1	
No	2	GO TO Q3d.
Don't know	8	GO TO Q3d.
Refused	9	GO TO Q3d.

3a. About how many times did you take overnight trips of this type in the past 12 months?

ENTER NUMBER	
Don't know	998
Refused	999

3b. On average, about how many nights were you away from home per overnight trip?

ENTER NUMBER	
Don't know	998
Refused	999

3c. On average, about how many days per overnight trip did you actually fish?

ENTER NUMBER

Don't know	998
Refused	999

3d. About how many one-day fishing trips did you make in the past 12 months?

ENTER NUMBER

Don't know	998
Refused	999

4. Did you do most of your fishing in the past 12 months from a beach, pier, party charter boat or private boat?

Beach	1
Pier	2
Party/charter boat	3
Private boat	4
Don't know	8
Refused	9

4a. What were the main species you targeted in the past 12 months? (**ACCEPT A MAXIMUM OF 4 TARGET SPECIES; "ANYTHING" IS A VALID RESPONSE. IF ANGLER PROVIDES FEWER THAN 4 TARGET SPECIES AND DOES NOT INCLUDE "ANYTHING", THEN ASK "DO YOU EVER FISH WITHOUT ANY PARTICULAR TARGET IN MIND?" IF "YES", THEN ADD "ANYTHING" TO TARGET SPECIES LIST.**)

Target species 1	ENTER SPECIES CODE
Target species 2	ENTER SPECIES CODE
Target species 3	ENTER SPECIES CODE
Target species 4	ENTER SPECIES CODE
Don't know	998
Refused	999

5. What is the primary reason you have not gone saltwater fishing in the past 2 months? (**NOTE: THE INTERVIEWER WILL NOT READ THE FOLLOWING OPTIONS. THIS IS AN OPEN ENDED QUESTION. THE INTERVIEWER WILL LISTEN TO THE RESPONSE, CONFIRM THE RESPONSE ACCORDING TO THE FOLLOWING CATEGORIES, AND CODE ACCORDINGLY. IF MULTIPLE RESPONSES ARE GIVEN, THE INTERVIEWER MUST PROBE FOR THE PRIMARY REASON.**)

1	Preferred species not available that time of year	
2	Management/restrictive regulations	
3	Don't catch enough fish	
4	Concerned about low abundance of fish stocks	
5	Concerned about seafood safety	
6	Poor weather conditions	GO TO Q6.
7	Too many people	GO TO Q6.
8	Too expensive	GO TO Q6.
9	Too far to travel	GO TO Q6.
10	Personal reasons (health, less free time, etc.)	GO TO Q6.
11	Don't care much about fishing anyway/ enjoy fishing only on occasional basis	GO TO Q6.
12	Other (SPECIFY)	GO TO Q6.
98	Don't know	GO TO Q6.
99	Refused	GO TO Q6.

5a. Does your dissatisfaction pertain to any particular species?

Yes	1	
No	2	GO TO Q6.
Don't know	8	GO TO Q6.
Refused	9	GO TO Q6.

5b. What species?

ENTER SPECIES CODE

Don't know
Refused

GO TO Q6.

VERSION 1c: SALTWATER ANGLERS WHO FISHED IN THE PAST 2 MONTHS

**TO BE ASKED OF THE FIRST 2-MONTH ANGLER ENCOUNTERED IN THE HOUSEHOLD
WHO IS AT LEAST 16 YEARS OF AGE**

**Q1-Q2 SHALL BE ASKED FOR EACH TRIP FOLLOWING THE TRIP MODE QUESTION ON MRFSS
TELEPHONE QUESTIONNAIRE FOR 2-MONTH ANGLERS.**

1. Thinking about your trip on [DATE, MRFSS TELEPHONE], were you targeting any particular species on that trip?

Yes	1	
No	2	GO TO NEXT TRIP. IF ALL TRIPS EXHAUSTED, GO TO Q3.
Don't know	8	
Refused	9	

2. What species were you targeting? (ACCEPT MAXIMUM OF 2 SPECIES.
DO NOT PROMPT FOR A SECOND SPECIES IF ONLY ONE SPECIES IS MENTIONED OR "ANYTHING" IS
THE RESPONSE. "ANYTHING" IS A VALID RESPONSE FOR EITHER TARGET SPECIES.)

Target species 1	ENTER SPECIES CODE
Target species 2	ENTER SPECIES CODE
Don't know	998
Refused	999

ASK Q1-Q2 OF NEXT TRIP. IF ALL TRIPS EXHAUSTED, GO TO Q3.

Now we have a few more general questions about your fishing activity.

3. Sometimes people take overnight trips away from home where they may fish for more than one day or may participate in other activities as well as fishing. Including the trips that we've already discussed, did any of your fishing in the past 12 months involve overnight trips of this type?

Yes	1	
No	2	GO TO Q3d.
Don't know	8	GO TO Q3d.
Refused	9	GO TO Q3d.

3a. About how many times did you take overnight trips of this type in the past 12 months?

ENTER NUMBER	
Don't know	998
Refused	999

3b. On average, about how many nights were you away from home per overnight trip?

ENTER NUMBER

Don't know 998
Refused 999

3c. On average, about how many days per overnight trip did you actually fish?

ENTER NUMBER

Don't know 998
Refused 999

3d. Including the trips that we've already discussed, how many one-day fishing trips did you take in the past 12 months?

ENTER NUMBER

Don't know 998
Refused 999

4. Did you do most of your fishing in the past 12 months from a beach, pier, party/charter boat or private boat?

Beach 1
Pier 2
Party/charter boat 3
Private boat 4
Don't know 8
Refused 9

5. What were the main species you targeted in the past 12 months? (**ACCEPT A MAXIMUM OF 4 TARGET SPECIES; "ANYTHING" IS A VALID RESPONSE. IF ANGLER PROVIDES FEWER THAN 4 TARGET SPECIES AND DOES NOT INCLUDE "ANYTHING", THEN ASK "DO YOU EVER FISH WITHOUT ANY PARTICULAR TARGET IN MIND?" IF "YES", THEN ADD "ANYTHING" TO TARGET SPECIES LIST.**)

Target species 1 **ENTER SPECIES CODE**
Target species 2 **ENTER SPECIES CODE**
Target species 3 **ENTER SPECIES CODE**
Target species 4 **ENTER SPECIES CODE**
Don't know 998
Refused 999

INTRODUCTION: "These final questions are for statistical purposes to help us be sure we've spoken with a random sample of anglers. I appreciate your cooperation."

6. Do you own a boat that could be used for saltwater sport fishing?

Yes 1
No 2 **GO TO Q7.**
Don't know 8 **GO TO Q7.**
Refused 9 **GO TO Q7.**

6a. What is the length of that boat?

ENTER LENGTH IN FEET

Don't know 998
Refused 999

7. How many years of saltwater sportfishing experience do you have?

ENTER NUMBER

Don't know 98
Refused 99

8. How would you rank your saltwater fishing ability on a scale of 1 to 5--1 being a novice and 5 being an expert?

ENTER NUMBER (>=1,<=5)

Don't know 8

Refused 9

9. In what year were you born? (IF RESPONDENT HESITATES, QUICKLY GO TO Q9a.)

ENTER YEAR

GO TO Q10.

Don't know 98

GO TO Q10.

Refused 99

GO TO Q10.

9a. That is, in which of the following age groups do you belong?

16 to 25 1

26 to 35 2

36 to 45 3

46 to 55 4

56 to 65 5

66 and over 6

Don't know 8

Refused 9

IF RESPONDENT LIVES ALONE, THAT IS, IF [Q4, MRFSS TELEPHONE] RESPONSE="1", GO TO Q11. OTHERWISE CONTINUE.

10. Of the [Q4, MRFSS TELEPHONE] people who live in your household, how many are under the age of 16?

ENTER NUMBER (<=[Q4, MRFSS TELEPHONE] RESPONSE)

Don't know 98

Refused 99

11. What is your ethnic background?

Non-Hispanic White	1
Hispanic White	2
Black	3
Asian	4
American Indian	5
Other (SPECIFY)	6
Don't know	8
Refused	9

12. What is the highest level of education you've attained?

< 12 years	1
High school graduate or GRE	2
Some college or technical/trade school	3
2-year college degree	4
4-year college degree	5
Postgraduate degree	6
Don't know	8
Refused	9

13. Which of the following best describes your employment status?

1	Employed full-time (including self-employment)	
2	Employed part-time (including self-employment)	
3	Retired	GO TO Q16.
4	Full-time homemaker	GO TO Q16.
5	Student	GO TO Q16.
6	Other (SPECIFY)	GO TO Q16.
8	Don't know	GO TO Q16.
9	Refused	GO TO Q16.

14. How many hours a week do you usually work?

ENTER NUMBER

Don't know	998
Refused	999

15. Do you receive a salary or are you paid by the hour?

Salaried	
Paid by hour	GO TO Q15b.
Don't know	GO TO Q16.
Refused	GO TO Q16.

15a. How much is your personal current annual salary (or income if self-employed) before taxes?

ENTER ANNUAL SALARY/INCOME (FORMAT: \$ _ _ _ _ _)

Not applicable	999997
Don't know	999998
Refused	999999

GO TO Q16.

15b. How much is your hourly wage?

ENTER HOURLY WAGE (FORMAT: \$ _ _ . _ _)

Not applicable	997.00
Don't know	998.00
Refused	999.00

16. What is your total annual household income before taxes?

Less than \$15,000	1
\$15,001 to \$25,000	2
\$25,001 to \$35,000	3
\$35,001 to \$45,000	4
\$45,001 to \$60,000	5
\$60,001 to \$75,000	6
\$75,001 to \$100,000	7
\$100,001 to \$125,000	8
\$125,001 to \$150,000	9
\$150,001 to \$175,000	10
Greater than \$175,000	11
Don't know	98
Refused	99

IF RESPONDENT LIVES ALONE, THAT IS, IF [Q4, MRFSS TELEPHONE] RESPONSE="1", THANK RESPONDENT AND TERMINATE INTERVIEW. OTHERWISE CONTINUE.

16a. How many household members, including yourself, contribute to your household's income?

ENTER NUMBER (<=[Q4, MRFSS TELEPHONE] RESPONSE)

Don't know	98
Refused	99

THANK RESPONDENT AND TERMINATE INTERVIEW.